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ANNUAL REPORTS  
OF THE  
BUREAU OF INDUSTRIES  
FOR THE  
PROVINCE OF ONTARIO  
1914, 1915 and 1916

Part I.—Agricultural Statistics

Part II.—Chattel Mortgages





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# ANNUAL REPORT

OF THE

# Bureau of Industries

FOR THE

PROVINCE OF ONTARIO

1914<sup>^</sup> - 1916

PART I.—AGRICULTURAL STATISTICS

PART II.—CHattel MORTGAGES

(PUBLISHED BY THE ONTARIO DEPARTMENT OF AGRICULTURE)

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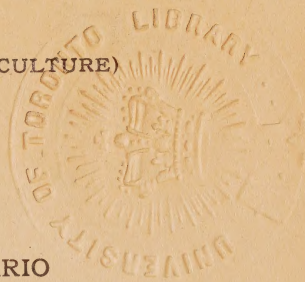


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*To His Honour* SIR JOHN STRATHEARN HENDRIE, C.V.O., a Lieutenant-Colonel  
in the Militia of Canada, etc., etc., etc.

*Lieutenant-Governor of the Province of Ontario, etc., etc.*

MAY IT PLEASE YOUR HONOUR:

I have the honour to present herewith for your consideration the Report of  
the Ontario Bureau of Industries for the year 1914.

Respectfully yours,

JAS. S. DUFF,

*Minister of Agriculture.*

TORONTO, 1915.







# Ontario Bureau of Industries

## PART I.—AGRICULTURAL STATISTICS.

### THE WEATHER.

TEMPERATURE.—The following table gives the temperature of the Province of each month during the last five years, together with the mean annual temperature, also the mean temperature for the six months April-September—practically the growing season—together with the average for the five years 1910-14, and the thirty-three years, 1882-1914:

Month.	1914	1913	1912	1911	1910	1910-1914	1882-1914
	°	°	°	°	°	°	°
January .....	20.9	26.1	7.7	20.8	21.6	19.4	18.0
February .....	10.7	15.4	13.6	21.1	16.8	15.5	17.0
March .....	27.4	29.0	21.1	26.2	35.2	27.8	26.3
April .....	39.7	44.3	39.5	40.6	46.6	42.1	41.5
May .....	57.0	52.4	54.9	59.9	51.2	55.1	53.9
June .....	63.1	63.2	60.0	64.1	62.4	62.6	63.8
July .....	67.5	68.1	67.8	70.1	68.3	68.4	68.1
August .....	65.9	66.4	62.2	67.7	65.6	65.6	64.5
September .....	58.8	57.8	60.7	58.2	57.0	58.5	59.6
October .....	50.8	49.4	49.3	46.9	49.0	49.1	47.3
November .....	34.5	40.3	37.1	32.7	33.4	35.6	35.2
December .....	21.3	29.3	28.0	30.0	17.7	25.3	23.7
Annual mean .....	43.1	45.1	41.8	44.8	43.7	43.7	43.2
Mean for 6 months, April to September .....	58.7	58.7	57.5	60.1	58.5	58.7	58.6

The mean temperature for the year 1914 was 43.1 degrees, being 2 degrees lower than the preceding year, and only 0.1 lower than the normal for the thirty-three years 1882-1914.

The mean temperature for the six months, April-September, was exactly the same as the previous year, and 0.1 higher than the thirty-three year normal. October was the warmest month relatively, being 3.5 degrees above average; February was the coldest month, being 6.3 degrees below its respective average.

SUNSHINE.—In the following table the averages of sunshine are, as usual derived from the records of the weather stations at Woodstock, Toronto, Lindsay Kingston and Ottawa:—



Month.	Sun above horizon.	1914	1913	1912	1911	1910	1910- 1914	1882- 1914
	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.
January .....	285.7	66.0	61.3	98.7	79.2	53.0	71.6	75.1
February .....	291.4	148.8	111.8	109.7	89.9	107.6	113.6	104.7
March .....	369.9	128.9	106.7	181.2	159.4	173.7	150.0	142.9
April .....	406.4	137.6	207.5	177.3	192.3	152.6	173.5	184.1
May .....	461.1	263.0	241.4	188.9	272.2	176.1	228.3	214.7
June .....	465.7	262.1	315.5	281.6	215.3	242.6	263.4	247.7
July .....	470.9	266.0	297.5	264.2	303.1	268.9	279.9	267.6
August .....	434.5	223.7	257.6	153.8	247.1	204.8	217.4	240.5
September .....	376.3	210.8	213.4	114.0	190.7	179.3	181.6	186.2
October .....	340.2	137.5	121.4	147.3	150.9	142.8	140.0	140.1
November .....	286.9	83.9	95.1	82.9	75.0	43.2	76.0	78.4
December .....	274.3	66.1	78.6	52.4	65.3	74.5	67.4	60.7
Total for the year..	4463.3	1994.4	2107.8	1852.0	2040.4	1819.1	1962.7	1942.7
Total for six months, April to September.	2614.9	1363.2	1532.9	1179.8	1420.7	1224.3	1344.1	1340.8

The year 1914 had 1,994.4 hours of sunshine, or 51.7 hours more than the average for the last thirty-three years. The six growing months, April-September, had 1,363.2 hours of sunshine, or 22.4 hours more than the average for the period 1882-1914. The six months, February, May, June, September, November, and December, were all above the average, May being highest with a departure of 48.3 hours; January, March, April, July, August, and October were below, April being lowest with a departure of 46.5 hours.

PRECIPITATION.—The fall of both rain and snow for the five winter months, including November, 1913, and March, 1914, is given in the following table for five years, together with the average for the thirty-three years, 1882-1914. An inch of water is equivalent to ten inches of snow:—

Months.	1914	1913	1912	1911	1910	1910- 1914	1882- 1914
November :	in.	in.	in.	in.	in.	in.	in.
Rain .....	2.78	2.66	2.52	1.35	3.03	2.47	2.04
Snow .....	3.8	7.4	13.4	12.8	4.9	8.5	7.6
December :							
Rain .....	0.23	1.18	1.44	0.09	0.93	0.77	1.19
Snow .....	6.8	11.2	9.1	22.9	9.0	11.8	15.0
January :							
Rain .....	0.56	2.45	0.44	0.76	1.09	1.06	0.98
Snow .....	21.5	13.6	25.4	9.9	19.6	18.0	19.4
February :							
Rain .....	0.24	0.31	0.08	0.40	0.71	0.35	0.78
Snow .....	12.1	13.2	16.8	15.6	19.7	15.5	16.2
March :							
Rain .....	0.88	2.82	0.20	0.96	0.65	1.10	1.21
Snow .....	11.2	13.8	14.1	13.3	3.1	11.1	10.6
Five months :							
Rain .....	4.69	9.42	4.68	3.56	6.41	5.75	6.20
Snow .....	55.4	59.2	78.8	74.5	56.3	64.9	68.8

The total amount of rainfall for five months, November-March, was 4.69 inches, or 1.51 inches below the average for the thirty-three years, 1882-1914.



The total amount of snowfall was 55.4 inches, or 13.4 inches below the average. January and March were slightly in excess, the other being all several inches below.

The six months, April to September, however, comprise what is regarded as the growing season for most crops, and the following table gives the rainfall of these months for the last five years, 1910-1914, and for the thirty-three years, 1882-1914:—

Months.	1914	1913	1912	1911	1910	1910-1914	1882-1914
	in.	in.	in.	in.	in.	in.	in.
April.....	1.93	2.77	2.24	1.58	3.15	2.33	1.77
May.....	1.99	1.93	5.08	2.08	2.84	2.78	2.83
June.....	2.39	1.77	1.56	2.30	1.49	1.90	2.70
July.....	1.41	2.46	2.61	2.30	3.12	2.38	2.79
August.....	3.81	3.43	4.33	2.29	3.18	3.41	2.61
September.....	2.28	1.64	3.98	2.77	2.45	2.62	2.59
Total for six months.....	13.81	14.00	19.80	13.32	16.23	15.42	15.29

The rainfall for the six months, April-September, comprising the growing season, was 13.81 inches, or 0.19 inches less than 1913, and in comparison with the normal for the thirty-three year period was 1.48 inches below. April and August were above the average, and all the rest were below.

## VEGETATION AND SPRING SOWING.

Conditions of spring growth about the middle of May were thus described in the crop bulletin published in that month: "Correspondents differ greatly as to the present stage of vegetation, some stating that the season is well forward, while others claim that it is a week or more late, the first two weeks of May having been too cold and wet for much growth. Cattle and sheep were reported to be on the grass at dates ranging from the 1st to the 11th of May. When correspondents wrote vegetation in the fields appeared to be more forward relatively than in the case of orchards and forests."

**SPRING SOWING.**—The soil was in splendid condition for a seed bed in the latter part of April, even heavy clays having been well pulverized by the severe frosts which occurred during the winter. Farmers who got on the land to sow early were well advanced—and some were through—when returns were made; but cold rains early in May prevented those who had been tardy from getting to work for a week, and in such cases seeding was more or less unfinished, while the soil was in a much stiffer condition than at the opening of the season. However, the general tone of the reports received about the middle of May was very satisfactory, except in the case of some from the low-lying townships of Kent and adjoining counties.

## STATISTICS OF FIELD CROPS.

The following table gives the acreage, production, and market value of the field crops of Ontario for the year 1914. Detailed tables showing the statistics by counties will be found elsewhere in this report.

Crops.	Acres.	Bushels.	Bushels per acre.	Market Value	
				Total.	Peracre
				\$	\$ c.
Fall Wheat .....	685,692	14,333,548	20.9	15,641,232	22 81
Spring Wheat.....	118,607	2,169,425	18.3	2,340,520	19 73
Barley .....	579,473	18,096,754	31.2	11,640,790	20 09
Oats .....	2,776,883	103,564,322	37.3	51,232,043	18 45
Peas .....	177,856	2,609,585	14.7	3,565,974	20 05
Beans .....	51,149	835,895	16.3	1,787,432	34 95
Rye .....	138,913	2,315,532	16.7	1,965,522	14 15
Buckwheat .....	177,227	4,251,421	24.0	3,041,564	17 16
Corn (for husking).....	290,817	23,232,360	80.0	10,622,455	36 53
Potatoes .....	167,591	26,717,587	159.	11,747,332	70 10
Carrots .....	2,448	766,170	313.	95,771	39 12
Mangel-wurzels .....	50,663	25,439,520	502.	2,035,162	40 17
Turnips .....	95,371	46,336,708	486.	4,633,671	48 59
Sugar Beets .....	18,534	7,466,819	403.	933,352	50 36
Mixed grains .....	456,631	16,854,550	36.9	10,074,687	22 06
		tons.	tons.		
Corn (for Silo) .....	418,105	4,751,223	11.36	11,878,058	28 41
*Hay and Clover .....	3,415,484	3,842,554	1.13	55,917,380	16 37
Totals:					
1914.....	9,621,444	.....	.....	199,152,945	20 70
1913.....	9,541,537	.....	.....	168,455,253	17 65
1912.....	9,574,474	.....	.....	185,790,341	19 40
1911.....	9,718,741	.....	.....	179,974,358	18 52
1910.....	9,725,684	.....	.....	175,115,742	18 01
1909.....	9,578,323	.....	.....	167,966,577	17 54

\* Including alfalfa.

The acreages devoted to other crops in 1914 were as follows: orchards, 298,627; small fruits, 23,863; vineyards, 10,850; gardens, 58,167; rape, 42,375; flax, 6,025; hops, 462; tobacco, 6,281. (Essex, 4,231; Kent, 1,582); summer fallow, 268,714; pasture (cleared), 3,302,503.

## THE GRAIN CROPS.

FALL WHEAT. Wheat sown in the fall of 1913 to be cut the following summer was thus referred to in the 1913 November bulletin: "Reports indicate an enlarged acreage, every fall wheat district promising to share in the increase. Notwithstanding the rather dry conditions at the time of sowing, the soil as a rule proved to be in good tilth for a seed bed, and the young fields at present are described as looking strong and promising. Only a few complaints have been made of injury from Hessian fly or other insects. Seeding ranged from the last week of August into the third week of September, the bulk of the crop being got in during the first twelve days of the latter month. Dawson's Golden Chaff is still the favorite variety."



The April bulletin said: "The new fall wheat, according to the November returns, had found a good seed bed, and was then looking strong and promising. The crop is beginning April in nearly the same condition in which it entered the winter, having received but little injury from the low temperatures occurring at times during January and February, as the fields were nicely protected by snow. A few returns describe the young plants as looking rather brown, but the bulk of correspondents regard the present appearance of the crop as most encouraging. However, the first half of April, with its tendency to freeze by night and thaw by day, is considered the critical time for fall wheat and clover, and that period has yet to be encountered."

Conditions six weeks later were described as follows in the May bulletin: "In the April crop bulletin, which was based on statements of correspondents reporting on the first day of that month, fall wheat prospects were said to be encouraging, as the crop had come through the winter practically unscathed. April, however, proved to be a most trying time for the young wheat, and it suffered severely from the formation of ice from "heaving." The area plowed up this spring, however, will not be relatively great, as farmers have preferred to drill barley or other spring grains into the bare spots rather than lose the grass that was seeded down with the fall wheat. Some correspondents report a most promising outlook on high and well-drained land, but the bulk of the fields are more or less spotted, or patched in with other grain. Very little injury from insects has been reported, odd mention only being made of the Hessian fly."

August reports concerning the fall wheat crop were thus summarized in the bulletin issued in that month: "This crop is very variable in yield, returns ranging from 10 to 35 bushels per acre, the average for the Province being lower than that for thirty-two years. Ice-forming and other unpropitious conditions in April, and spells of drouth and great heat occurring at times during the early part of the summer, told against a large yield. The quality of the grain is fair, but it will seldom go over weight. The straw is short, but as a rule clean, although a few complaints have been made of rust and a little smut, with occasional mention of injury from the Hessian fly and joint worm. Harvesting extended from July 13th to August 1st."

According to November bulletin the crop fell below the average yield of recent years; but while a few of the returns described the grain as being shrunken the bulk of the reports suggested a medium weight. The straw was generally of good quality.

**THE NEW FALL WHEAT.** The November bulletin contained the following regarding the young wheat then growing to be cut in 1915: "At the time of writing fall wheat never promised better, nor have returns been more unanimous. The ground at seeding time was in fine tilth, and the catch was perfect. Copious rains and warm weather brought the young fields along in splendid form, until now the only fear is that the luxuriant growth may have given the plants too much top for entering the winter. A few complaints are made of the Hessian fly and the wireworm, but only a slight injury has been done by these or other insects. The season of 1914 may indeed be described as peculiarly a new fall wheat one, the present condition of the fields never being better, while the increase in acreage is one of the largest on record. Sowing ranged from the last week of August to the end of September, most of the seed being got in during the first two weeks of the latter month. Dawson's Golden Chaff is the variety most largely grown, although about forty other kinds are named. It is estimated that the increase in the area of fall wheat now in crop will be about 140,000 acres, or a little over 20 per cent."

**SPRING WHEAT.** August comments on the condition of the spring wheat crop were as follows: "Comparatively little spring wheat is now being raised in Ontario, but what is grown will be about an average in yield and quality. Some of the crop remained to be cut when correspondents reported."

November references to spring wheat were to the effect that the crop had been a good one both as to yield and quality.

**BARLEY.** According to the August returns this grain had done relatively better than fall wheat, having more than an average yield of fairly plump and well colored grain. The straw was short, but bright, and of good quality. Some of the crop suffered in low-lying places from the army worm, but not to a serious extent from a general point of view. Harvesting covered from the 20th of July to the third week of August.

In the November bulletin barley was described as being the best of the cereals this season, the yield being well over the average and the grain of good color, although not up to the previous year in plumpness. The straw was also of good quality, but short in length.

**OATS.** The condition of oats in August was thus referred to in the bulletin then issued: "The crop suffered more than any other of the grains from the army worm, its doing being reported from seven counties in western Ontario and two in the eastern half of the Province. All these cases were of a more or less local nature, however, and the extent of the injury was not so general or heavy as was at one time feared. A number of farmers cut their oats while green to anticipate the pest. Taking the Province over, the yield of oats will be a good one, although much of the grain will be hardly up to weight on account of too rapid ripening owing to unusually hot, dry weather. The straw also is short from this cause, but it is of excellent feeding quality, although there are reports of rust and smut. Cutting will extend from the last week of July to the third week of August."

November reports were to the following effect: "Oats are light in weight, relatively, but the yield per acre is above an average. They suffered more than any of the other grain crops from the midsummer drouth and the later rains, and from the army worm, grasshoppers, and rust, and yet the general return may be described as satisfactory. The straw was fair in quality."

**WINTER RYE.** Only a comparatively small acreage of rye is now grown in Ontario. The crop was well up to the average in yield and quality of both grain and straw. Much of the rye now grown is used for green feed or for turning under for manure.

**PEAS.** The August bulletin said: "Two kinds of field peas are now being raised, some for the canning factories and later varieties for stock feeding. Both classes vary greatly in quality, and the yield per acre for the Province will be hardly up to the average. The aphid was reported as being troublesome in many fields, and the drouth at times prevailing shortened the straw. A considerable portion of the crop remained to be ripened and cut when correspondents reported."

Regarding peas, the November bulletin had the following: "This crop is said to be a poor one, both as to yield and quality, there being complaints of injury by weevil, by drouth, and, at the time of pulling, by rains. Early-sown peas did best."

**BUCKWHEAT.** Some of the late harvested buckwheat was damaged by rain, but the crop may be generally described as a good one in every way. Some complaints were made of injury by grasshoppers, and in a few places some of the crop while in blossom was caught by an early frost.



**MIXED GRAINS.** Barley and oats—late barley and early oats—are the favorite grain mixture for the field, as they ripen about the same time and are easily cut by machinery. Some prefer an addition of wheat or peas, while others suggest substituting rye, buckwheat, spelt, millet, or flax.

**BEANS.** According to the August bulletin only a few correspondents report concerning beans. The yield will be nearly an average, but the season has been rather dry for them, and when returns came in the growing crop was described as being very much in need of rain.

The November bulletin added: "Beans appear to be decreasing in popularity as a field crop. There has been a fair yield, but the drouth at the period of early growth, and the wet weather later on, were trying to best results in the matter of quality."

**CORN.** August conditions were described as follows: "The weather at planting was rather cold and backward, and it was feared that germination would not be successful; but the young plants came up better than was expected, although the crop is now regarded as being late in season. Some of the corn fields got slightly nipped by June frosts, but they quickly recovered. The crop was met by drouth later, and here and there was threatened by the army worm, but on the whole it may now be classed as looking well, growing rapidly, and promising a good yield for both husking and the silo, should ordinary weather conditions ensue."

The November bulletin said: "This has been a successful crop both for the bin and the silo, as the plants were well cobbed, and the warm, open fall ensured perfect maturing, there being little injury from frost. 'Full silos everywhere,' as voiced by a correspondent, appear to be the rule."

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## HAY AND CLOVER.

**HAY AND CLOVER.** The April bulletin stated: "This crop, like fall wheat, has so far come nicely through the winter. Should it escape injury from heaving during the first couple of weeks of April, pastures will get off to an excellent start."

Conditions about the middle of May were reported to be as follows: "As in the case of fall wheat, clover fields are very variable in appearance. This crop also suffered more or less from the testing weather of the early part of April, which caused considerable heaving, especially in low and poorly drained situations, although some correspondents report the fields as looking well on rolling and well-drained lands. Two-year-old clover is much poorer than that in the case of new fields, as the older meadows were greatly tried by last summer's drouth. Some correspondents also point out that many pastures were rather too closely cropped last fall for best results."

The hay and clover crop was thus reported on in the August bulletin: "This will be a comparatively light crop, and the yields have been very uneven. However, hay generally has been well cured and put under cover in first-class condition, except a few late-cut fields which were too mature for best quality. Old meadows as a rule were in poor condition, and in most cases timothy did relatively better than clover. Harvesting was spread over the month of July, being general during the week beginning on the 13th. The few correspondents mentioning alfalfa speak favorably of it."

**CLOVER SEED.** August was so dry that it was very trying to clover fields, which headed poorly and yielded a comparatively small crop of seed. Alsike did much better than red clover in this respect.

**ALFALFA.** This crop did not come through the winter quite so well as clover. There is a strong desire expressed by correspondents for a hardier variety of alfalfa suitable for the climate of this Province, and Prof. C. A. Zavitz, of the Ontario Agricultural College, has recently expressed himself as being hopeful that he will be able to satisfactorily meet this need very soon.

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### FIELD ROOTS.

**POTATOES.** "The chief drawback to this crop," said the August bulletin, "has been the midsummer drouth, which had kept the tubers small, although they are said to be of good cooking quality. It is thought that the rains that were falling as some late correspondents reported may revive the crop sufficiently for a normal yield. The Colorado beetle, although reported to be plentiful in some quarters, is not so general as in recent years. No rot has so far been reported, and apart from the effects of the drouth on some of the tops, but little mention is made of blight or other actual disease."

Reports concerning potatoes were on the whole very favorable when correspondents wrote at the beginning of November. In many cases there was a generous yield, "extra good" being a frequent description, and occasional mention only was made of rot or scab. Late planted varieties did better than those put in earlier. The crop was being most satisfactorily harvested.

In the August bulletin all classes of roots were described as being rather small in size, owing mainly to drouth, but timely rains were promising, and there was a fair chance for roots to pick up.

**TURNIPS.** These roots also suffered in some localities from the louse or aphid and from grasshoppers, and as a class they did not do so well as mangels.

The November bulletin said of turnips: "This class of roots was kept back by the drouth, and reports of yield and quality range from fair to good. Several returns complain of lice. Considerable of the crop remained to be housed by the end of October, but it was expected that all would be got in safely, as the weather was then promising."

**MANGELS.** Mangels were not large in size when August returns were made, but were otherwise in fair condition, and gave promise of improvement as correspondents wrote.

In reporting on mangels at the beginning of November the bulletin for that month said: "This crop has done better than turnips, although it also was checked in growth by the drouth. It is variously described as being from fair to excellent both as to yield and quality. Most of the mangels were under cover when correspondents wrote."

**CARROTS.** Field carrots have now a comparatively small acreage, but where grown there was a good yield of good quality.

**SUGAR BEETS.** This class of roots turned out well both as regards yield and quality. In some quarters beets are taking the place of turnips in feeding cattle and other live stock.



## MISCELLANEOUS.

**TOBACCO.** "A decrease in acreage, and the promise of less than an average yield, sums up the present condition of the tobacco crop," said the August bulletin. The plant got a poor start owing to unfavourable weather, and it has also suffered from drouth.

The November bulletin had the following statement: "There does not seem to be as much enthusiasm over tobacco growing as was expressed in former years, although the most of the remarks describing the condition of the crop are complimentary. The acreage is smaller than in recent years, but the crop is said to be from fair to good in yield, and the leaf is curing well."

**THE ARMY WORM.** The August bulletin contained the following: "When the presence of the Army worm in some of the counties of the Province was first reported much anxiety was expressed as to the outcome of the unexpected and dreaded visitation. The pest appeared in about a dozen counties, nearly always near a creek bed or other low-lying spots, but the injury in each instance was more or less purely local in range and result, as each outbreak was either soon controlled or it quickly ran itself out. Oat fields seemed to be the favorite feeding ground for the worms, and a considerable quantity of that grain had to be cut green to save it from devastation. In some quarters corn, barley, clover, and other crops were also attacked."

**THRESHING AND MARKETING.** Improved machinery and favoring weather forwarded threshing, and in most quarters the work was more or less completed by the 1st of November. Good prices for wheat tempted a number of farmers to sell considerable of that grain, but others were holding on account of war contingencies. Many, again, prefer to feed practically all their grain and other fodder to live stock, and thus "market on the hoof," while also enriching their land by the manure.

**FALL PLOWING.** Although the season has been an open one, considerable plowing remained to be done during November, owing, first, to the large amount of corn to be cut and stored in the barns or silos, and also to the fact that the land in some places required rain. Many farmers, however, had completed their fall plowing in October.

**FARM IMPROVEMENTS.** Considerable tile draining has been done during the year, more especially in some of the Lake Erie counties. Several correspondents refer approvingly to the use of the traction ditcher. About the usual extent of woven wire fencing of various designs has been erected; but while there has been some activity in building or renovating farmhouses, barns and stables, hardly as much has been done as in more recent years.

## FRUIT AND FRUIT TREES.

The April bulletin stated: "Notwithstanding the unusually low temperatures that were registered at times during the winter, orchards have come through in a fairly satisfactory way. Reports are frequent that peach buds have been more or less frozen, but the actual injury will not be known until the period of blossoming. So far, however, no serious loss is apprehended from root freezing. A number of the more tender bush fruits were nipped by the severe cold, but no serious harm is anticipated. Judging by the remarks of some correspondents, however, the San José Scale and the tent caterpillar are more to be feared by fruit raisers than occasional dips in temperature during midwinter. Scattering reports of injury to young orchard trees by field mice and rabbits were received from several counties."

The following interesting information regarding the fruit industry was contained in the May bulletin: "The low and sustained dips in the temperature at times during the winter caused much anxiety among growers of peaches and other tender fruits, and the results have shown that they had reason for their fears. In nearly every peach section the fruit buds have been more or less frozen back. In some cases in the Niagara district the loss will be almost complete, while in Essex, Kent and Lambton the injury has been lighter. One correspondent points out the fact that early varieties have escaped better than the later sorts. However, there has been comparatively no root freezing, and our great peach industry is likely to suffer but one season's loss in bearing. On the other hand apples, pears, cherries and plums are very promising as to blossom, but the presence of the San Jose scale and the oyster shell bark louse is threatening many orchards. The tent caterpillar is also much in evidence in York and other counties to the east. Small fruits have come through the winter with comparatively little injury, and present prospects are good. Correspondents speak approvingly of the increase of the practice of spraying fruit trees, but complain of the lack of competent farm help in orchard work."

Midsummer conditions were thus described in the August bulletin: "The San José scale is still doing much injury to various classes of orchard trees, more especially in the western half of the Province, while the tent caterpillar has been denuding many apple trees, more particularly in the Lake Ontario and St. Lawrence and Ottawa Counties. Several correspondents speak most favorably of the manifest good effects of spraying in staying these and other orchard pests, thus improving both the quality and quantity of fruit. Apples, while doing well in some localities, will not have an average yield. A considerable portion of the crop has dropped from some of the summer and fall apple trees owing to the drouth, and in some localities the fruit on the winter varieties is reported to be rather small in size from the same cause; but expected rains, it was thought, would revive the orchards. Pears will about match apples in yield, with perhaps an improvement in general condition. Peaches are almost a complete failure in the Niagara district, especially the later and more valuable kinds, but more favorable accounts come from Kent and one or two localities where this fruit is not so largely grown. Plums had generally a light yield, with occasional reports of good returns. Cherries were the bumper orchard crop of the season, particularly the sour varieties. Grapes promise well at present. Small fruits were on the whole a good crop, and but for the drouth strawberries and raspberries—the latter especially—would have had record yields."

The following was contained in the November bulletin: "Complaints are numerous of injury to orchards by the San José scale, and also by the tent caterpillar, but otherwise the trees are said to be in good condition. There has been a fair yield of apples, of better quality, as a rule, than ordinarily; but the poor markets and consequent low prices have caused tens of thousands of bushels of choice varieties to go to waste—in some cases the fruit remaining unpicked. One correspondent states that the evaporators were paying from \$3 to \$4 per ton for apples, while another says that farmers are getting 20c. a bushel from canners and evaporators. Pears have also yielded well, but are comparatively slow in selling. Peaches were the only fruit not equal to the demand, the favorite late varieties being almost impossible to procure. Plums were not a large crop, but cherries were abundant. There was a good yield of grapes, which in the warm fall weather ripened to perfection. Small fruits, which promised immense yields early in the season, were considerably checked in both product and quality by the midsummer drouth."



## PASTURES, LIVE STOCK AND THE DAIRY.

The condition of live stock in the early spring was thus dealt with in the April bulletin:

"The wintering of live stock caused anxiety to many farmers owing to the severe cold occurring at times during the winter, but some correspondents claim that the rather steady cold weather was much better for carrying farm animals through than in the case of a so-called mild winter.

"Horses, with the exception of some cases of distemper, wintered well, and are generally in excellent shape for spring work, although perhaps a little lean from economical feeding. Unfortunately, at present there is less demand for horses than for any other class of live stock.

"Cattle have also wintered well, and are remarkably free from disease. Dairy cows are described as being thin but thrifty, the result of the careful feeding demanded by the comparatively spare stores of fodder. Both fat and store cattle are in good trim generally, but are scarcer than in recent years, as the great demand in the fall for all kinds of beef cattle made a big clearing. The cattle on hand average much younger than in former years, many of them being yearlings, and most of the beef cattle are now turned off at about two years. Several correspondents state that most of the calves are now being kept for raising on the farm, and where sold are commanding higher prices than ever before.

"Sheep are reported to have come through the winter in prime condition, but they are fewer in number than they should be.

"Swine are being marketed regularly, there being a steady and strong demand for this class of live stock. The chief incident of the winter has been the large number of hogs in many counties of the Province subject to a crippling which is described by some as a stiffening of the hind quarters, while others allude to it as a form of rheumatism. Several correspondents ascribe the trouble to injudicious feeding; others assert that the animals lacked a supply of earth or charcoal, which they believe is essential to a hog's good digestion during its winter confinement; others, again, lay the blame on cement floors and a lack of sufficient bedding during the severe weather. Young pigs have been the chief sufferers from this complaint."

The August bulletin had the following: "Pastures held out nicely until the middle or end of July, when lack of rain, combined with intense heat for several days together, dried up the grass to an alarming extent. The copious rains falling as later returns are coming in, however, have given much encouragement to all concerned. Any cattle which have had to depend mainly upon grazing are thin, but most farm animals have been well looked after, and there is practically a clean bill of health reported for the live stock of the Province. Dry pastures have, of course, lessened the milk flow, and milch cows have also suffered from the fly in several localities; but the falling off of dairy produce is only normal at this season. Winter fodder supplies are likely to be sufficient for requirements, as the number of live stock have been kept down from various causes—mainly the brisk demand by buyers early in the year—and also as there is a likelihood of there being a fair supply of corn, roots, and other roughage to supplement the hay and grain."

The live stock situation in November was described as follows in the bulletin issued in that month: "Pastures were very dry in midsummer, but picked up splendidly, and live stock were still on the grass at the end of October. Cattle were inclined to leanness owing to the open summer pastures, but they were otherwise in good condition, and were getting ready for fattening where not already sold for the market. About the same number as last year of yearlings and two-year-olds are on hand, although not so many as in the previous year, and more calves than usual

have been kept this season. Sheep are rather scarce, but they have done well where kept. Several correspondents refer to dogs as a menace to sheep. Hogs are being turned off steadily from month to month. They are reported to be in good condition and equal to the demand. Some returns refer discouragingly to the recent fall in prices for bacon pigs. A few horses have been sold for army purposes. All classes of live stock will go into winter quarters in fair condition and remarkably free from disease."

**METHODS OF FEEDING.** The following was contained in the April bulletin: "The old proverb of 'Many men, many minds,' holds good in this Province so far as the winter feeding of live stock is concerned. More farmers than formerly are practising loose feeding, although some correspondents express doubt as to its efficiency compared with close, clean stall feeding. An increased quantity of corn is being used in its various forms of dry fodder and ensilage. One correspondent tersely says: 'The man with the silo comes out best.' More straw is being run through the cutter than ever before, and most of the grain rations are now given in ground form. There is more mixed feeding than formerly, but the combinations are too many to describe them. Concentrates or richer feeds such as ground grain, mill feeds, or hay are mixed with some such roughage as ensilage, stover, chaff, roots, or straw, according to the judgment or experience of the feeder. Even then the rations, both as to quality and quantity, vary, as some farmers merely intend to carry their animals over the winter in fair shape to put on the grass for the last touches, while others feed their bees generously and at higher cost in order to finish them off for a more immediate market. Feeders appear to be aiming more and more at early maturity in the case of beef animals."

**FODDER SUPPLIES IN APRIL.** The bulletin issued then thus referred to fodder conditions at the beginning of April: "Careful winter feeding of live stock is now a habit with the farmers of this Province, and fodder supplies are much more economically and effectively used than in former years. In nearly every county hay has been at least sufficient for all needs, although in a few instances it had to be purchased for local emergencies. Straw has been scarce, and its excellent feeding value has constrained many farmers to be rather too sparing of its use for bedding in the stable. Roots are helping to make the rations succulent for live stock until the animals get on the grass, and there is a sufficiency on hand. Grains of all kinds are somewhat scarce, but with careful handling the supply will be equal to the demand. Corn in the form of either stover or ensilage is not so plentiful as in recent years, but there is enough to help to keep things going until the pastures are ready. Every year our farmers have a good word to say of corn as standby for the raiser of live stock."

**FODDER SUPPLIES IN MAY.** The reports which came in about the middle of May were thus summarized: "During the past seven years the farmers of Ontario have learnt to make their supplies go farther than formerly. Hay and the grains are now fed sparingly, the coarser fodders being much more largely utilized. The quantity of hay on hand in most quarters is said to be sufficient for emergencies; but while individually some report a surplus others have had to buy in order to carry live stock over until they could be put on the grass. All classes of grains are being more and more fed, although it is likely that a decided rise in prices would bring out a fair supply of wheat, barley and oats. The rather backward spring, however, has had a tendency to decrease any surplus of either hay or grain."

**FODDER SUPPLIES IN NOVEMBER.** The bulletin issued early in November said: "The generally good corn yield of both cob and stalk has ensured a safe winter fodder in most quarters, supplementing as it does so well the hay, grain and



root crops. Straw also has turned out to be more plentiful than was expected earlier in the season. Except in rare instances, there will be sufficient fodder to carry over live stock in good shape with reasonable care, and some farmers will be able to buy more animals to use up their extra supplies of provender. Ontario live stock men as a class are facing the winter with comfortable assurance."

**DAIRYING.** The following paragraph referring particularly to dairying was contained in the November bulletin: "Taking the situation generally the dairy industry has been in good condition. Butter appears to be gaining in popularity on cheese in most sections of the Province, although in the St. Lawrence and Ottawa counties and elsewhere in the east cheese is perhaps more than holding its own. The quality of dairy products has been kept well up to the mark, in butter especially, and on the whole prices have been satisfactory. Timely fall rains renewed pastures to a remarkable degree, and the fall flow of milk has been ahead of the average at this season. Holsteins, Durhams, Ayrshires, and Jerseys are the favorite dairy cows, the first-named breed being preferred for cheese factories."

**POULTRY.** More attention is being given to poultry on the farm, both in regard to selection and handling. Several returns state that they pay where properly looked after, while other reports contend that profits are doubtful on the average Ontario farm. One correspondent claims that a hundred hens have made him \$100, while another remarks that profits in farm poultry range from 160 per cent. to zero. Prices have ruled slightly lower than for the past year or two, but as between flesh and eggs the latter have done better relatively in the way of returns. It is claimed that egg circles are helping to keep up the price of poultry products. There are fewer complaints than usual of disease among fowl, turkeys especially being named as in fine condition this season.

**STATISTICS.** The following table gives the total numbers and value of the several classes of live stock and poultry on hand July 1st, 1914, together with live stock sold or slaughtered in the year preceding that date:

Live Stock.	Live stock on hand, July 1, 1914.		Sold or slaughtered in year ending June 30, 1914.	
	No.	Value.	No.	Value.
		\$		\$
Horses (all ages) .....	774,544	112,576,793	80,872	12,480,960
Cattle:—				
Milch cows .....	1,006,703	57,396,788	911,794	42,978,531
Other cattle .....	1,597,925	49,238,360		
Sheep and lambs .....	922,375	6,155,451	512,066	3,219,409
Swine (all ages) .....	1,770,533	17,951,258	1,984,105	30,275,538
Poultry (all kinds) .....	14,175,214	7,551,428	6,575,434	4,062,797
Totals:				
1914 .....		250,870,078		93,017,235
1913 .....		237,591,885		89,651,016
1912 .....		225,848,942		84,982,339
1911 .....		214,720,424		80,675,390
1910 .....		194,416,037		71,833,731
1909 .....		184,747,900		64,464,923

The values for the several classes of poultry on hand July 1st, 1914, were as follows:—turkeys, \$833,660; geese, \$459,849; ducks, \$302,480; other fowl, \$5,955,439.

VALUE PER HEAD. The following table gives the average value per head of live stock and poultry for 1913 and 1914; and at five year intervals.

Live Stock.	Live stock on hand July 1.					Sold or slaughtered in year ending June 30.				
	1914	1913	1910	1905	1900	1914	1913	1910	1905	1900
Horses (all ages).....	\$ 145	\$ 151	\$ 128	\$ 110	\$ 76	\$ 154	\$ 160	\$ 136	\$ 119	\$ 79
Cattle:—	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.
Milch cows .....	57 01	50 56	40 76	35 06	31 01	47 14	44 02	37 44	36 23	32 12
Other cattle .....	30 81	27 29	22 43	21 29	17 93					
Sheep and lambs.....	6 67	6 27	5 75	4 68	4 29	6 29	5 92	5 36	4 28	3 64
Swine (all ages).....	10 14	9 51	8 50	6 44	5 42	15 26	13 65	12 49	9 79	7 69
Poultry (all kinds) ...	53	51	43	34	29	62	61	51	39	37

### LABOR AND WAGES.

"Correspondents still complain of the scarcity of capable farm labor," said the May bulletin, "and the consequent deterioration of the land for lack of proper cultivation. The comparative neglect of some fields on this account is given as a reason for the spread of many noxious weeds. A system of hiring which would give more permanency to those employed upon the farm is advocated by several of those reporting. The rural telephone and the rural mail systems are referred to most approvingly by some correspondents as helping to make life on the farm more endurable—or enjoyable—for all concerned, while others are looking to the Hydro-Electric power plan to further improve agricultural conditions in both outside and domestic matters."

The August bulletin said: "Applicants for work on the farm have been more plentiful than for many years, but much of the labor offering has been unskilled in agriculture, a considerable number of men from our towns and cities having this season sought rural employment. The light hay crop, the short, upright straw of the grain crops, and the favorable weather for harvesting have required much less field help at harvesting. Farmers are also utilizing improved machinery more and more in order to save manual labor, and many of them have also developed a system of exchange of work with neighbors which is making them largely independent of casual help. Wages show little change, ranging from \$1.25 to \$2.00 or even \$2.50 (with board) during harvest, according to skill or locality, and from \$20 to \$35 per month, with extra good hands commanding as high as \$40."

The influence of the present European war upon Canadian farm labor is strongly suggested in the following statement contained in the November bulletin: "Correspondents are more or less divided on the question of farm labor, which is being affected to a certain extent by the war. The fact that a number of farmers' sons and hired men have enlisted, and that the duration of military operations is uncertain, has given a new slant to the rural labor outlook. There is also the fact that Canadian manufacturing and general trade conditions have been much upset by the wide range of hostilities, and a large number of factory and other town workers have been flung on the labor market, many of whom are willing to go on the farm until things take a more active turn in the towns. The result is that experienced agricultural hands are scarce, and will command as high wages as ever, while unskilled farm labor is more than sufficient and is likely to meet a falling rate unless the war ends soon or urban industries otherwise revive."



## TEMPERATURE OF 1914.

TABLE I.—Showing for each month the highest, lowest, mean highest, mean lowest, and mean temperature at the principal stations in Ontario for 1914; also the annual mean for each station.

Months.	Southampton.	Biram.	London.	Woodstock.	Stoney Creek.	Toronto.	Lindsay.	Gravenhurst.	Ottawa.	Halleybury.
January ....	Highest..... 51.8 Lowest..... -10.0 Mean highest.. 31.9 Mean lowest... 17.7 Monthly mean.. 24.8	52.4 -11.2 31.7 22.9 27.3	54.0 -18.0 33.5 18.8 26.1	52.0 -20.0 31.9 17.9 24.9	57.0 -15.0 34.6 19.8 27.2	54.3 -22.0 33.3 17.8 25.6	47.6 -31.3 27.9 7.6 17.8	47.0 -35.0 27.9 5.2 16.6	49.0 -30.0 29.2 2.1 11.2	45.1 -34.4 17.7 2.3 7.7
February ....	Highest..... 41.4 Lowest..... -21.2 Mean highest.. 22.0 Mean lowest... 5.2 Monthly mean.. 13.6	40.2 -12.1 21.0 6.4 13.7	42.0 -13.0 24.6 5.6 15.1	40.0 -14.0 20.7 4.5 12.6	44.0 -15.0 23.9 8.9 16.4	44.7 -18.2 23.3 7.7 15.5	37.8 -25.4 19.8 0.8 10.3	37.8 -42.0 20.0 -10.4 4.8	42.0 -27.5 16.5 -4.1 6.2	44.1 -48.0 10.6 -12.3 -0.9
March.....	Highest..... 54.8 Lowest..... 4.1 Mean highest.. 35.2 Mean lowest... 19.9 Monthly mean.. 27.6	56.5 7.5 35.7 23.7 29.7	58.0 7.0 38.6 22.5 30.6	59.0 5.0 37.6 21.3 29.5	62.0 8.0 37.8 24.7 31.3	55.3 4.5 37.6 23.8 30.7	52.6 -5.6 34.8 16.3 25.6	50.0 -14.0 34.1 12.4 23.3	49.0 -0.5 33.1 18.0 25.6	48.7 -12.8 29.0 10.5 19.8
April.....	Highest..... 77.0 Lowest..... 18.1 Mean highest.. 47.4 Mean lowest... 31.0 Monthly mean.. 39.2	80.0 17.0 49.7 35.8 42.8	81.0 16.0 52.4 32.9 42.7	78.0 11.0 50.4 31.5 41.0	80.0 22.0 49.0 34.5 41.8	67.0 21.5 48.9 34.1 41.5	69.0 13.8 49.1 30.2 39.7	73.0 12.0 47.2 27.2 37.2	68.5 14.0 46.1 29.9 38.0	59.6 2.1 43.3 23.6 33.5
May.....	Highest..... 88.5 Lowest..... 28.1 Mean highest.. 64.7 Mean lowest... 42.1 Monthly mean.. 53.4	85.5 28.6 68.0 47.4 57.9	89.0 28.0 70.8 44.9 57.9	83.0 32.0 67.5 46.8 57.2	85.0 33.0 69.2 48.3 58.3	87.0 34.8 69.7 47.4 58.6	86.5 29.9 71.7 43.6 57.7	83.0 25.0 68.0 39.1 53.6	88.0 33.0 70.7 46.1 58.4	87.8 22.5 67.4 41.7 54.6
June.....	Highest..... 88.9 Lowest..... 33.1 Mean highest.. 70.8 Mean lowest... 49.5 Monthly mean.. 60.2	92.5 33.0 75.1 53.2 64.2	94.0 35.0 76.5 52.4 64.5	88.0 35.0 75.2 51.8 63.5	97.0 38.0 76.8 53.5 65.2	91.3 38.0 74.2 54.0 64.1	92.3 33.6 76.1 49.3 62.7	94.0 31.0 74.6 46.2 60.4	85.0 39.0 75.5 52.4 63.9	94.0 32.3 75.3 48.7 62.0
July.....	Highest..... 85.4 Lowest..... 44.8 Mean highest.. 73.8 Mean lowest... 57.0 Monthly mean.. 65.4	89.0 44.6 79.3 58.7 69.0	91.0 45.0 82.7 57.1 69.9	86.0 46.0 78.2 57.4 67.8	92.0 49.0 80.0 59.8 69.9	92.6 47.9 80.5 60.4 70.5	91.4 42.8 81.4 55.9 68.7	88.0 39.0 80.7 52.8 66.8	88.0 46.0 77.4 57.5 67.5	92.7 41.3 78.0 41.3 59.7
August.....	Highest..... 86.7 Lowest..... 40.9 Mean highest.. 73.3 Mean lowest... 56.6 Monthly mean.. 65.0	91.5 43.0 77.6 58.1 67.9	95.0 42.0 80.5 55.5 68.0	92.0 42.5 76.4 55.9 66.2	90.0 44.0 77.9 58.4 68.2	92.0 48.1 77.7 58.4 68.1	95.7 39.7 78.8 53.7 66.3	95.0 35.0 76.2 51.5 63.9	85.0 42.0 73.7 53.7 63.7	94.4 37.4 73.2 51.1 62.2
September...	Highest..... 85.9 Lowest..... 32.1 Mean highest.. 68.7 Mean lowest... 50.7 Monthly mean.. 59.7	84.5 37.2 68.4 51.2 59.8	90.0 30.0 72.7 46.6 59.7	87.0 30.0 70.8 48.2 59.5	89.0 35.0 70.7 50.3 60.5	86.8 36.6 71.2 50.8 61.0	87.7 31.2 70.2 45.4 57.8	87.0 26.0 68.5 44.7 56.6	88.0 31.0 66.6 47.3 57.0	87.5 31.4 65.5 47.0 56.3
October.....	Highest..... 74.5 Lowest..... 24.9 Mean highest.. 61.2 Mean lowest... 43.8 Monthly mean.. 52.5	75.6 25.0 59.8 42.3 51.1	80.0 22.0 63.3 41.5 52.4	76.0 20.0 61.2 42.5 51.9	78.0 24.0 61.2 44.5 52.9	79.2 26.0 61.4 44.1 52.8	78.4 20.0 63.0 39.1 51.1	77.0 22.0 60.1 35.9 48.0	76.0 23.5 56.9 40.6 48.8	75.2 20.0 53.9 38.7 46.3
November....	Highest..... 58.1 Lowest..... 15.1 Mean highest.. 43.8 Mean lowest... 29.3 Monthly mean.. 36.6	64.5 11.0 44.3 31.4 38.1	63.0 5.0 45.8 27.8 36.8	63.0 5.0 44.7 26.8 35.8	65.0 12.0 46.9 30.6 38.8	63.0 12.8 45.4 30.8 38.1	60.4 3.0 44.0 23.3 33.7	62.0 0.0 40.2 21.7 31.0	85.0 0.0 37.0 23.4 30.2	59.4 -8.6 32.4 19.3 25.9
December....	Highest..... 53.0 Lowest..... -2.0 Mean highest.. 29.5 Mean lowest... 18.9 Monthly mean.. 24.2	56.5 -14.0 28.0 18.0 23.0	56.0 -22.0 29.6 15.8 22.7	57.0 -21.0 29.2 16.2 22.7	59.0 -14.0 31.9 20.0 26.0	53.8 -7.2 31.5 20.0 25.8	55.1 -30.3 29.4 11.7 20.6	52.0 -38.0 28.1 9.6 18.9	45.0 -24.0 25.0 8.6 16.8	50.3 -27.0 19.7 4.9 12.3
Annual mean.....	43.5	45.4	45.5	44.4	46.4	46.0	42.7	40.1	40.6	36.6

## AVERAGE TEMPERATURE FOR THIRTY-THREE YEARS.

TABLE II.—Showing for each month the monthly average for the highest, lowest, mean highest, mean lowest and the mean temperature at the principal stations in Ontario, derived from the thirty-three years, 1882-1914, also the annual mean at each station for the same period.

Months.	Southampton.	Birmam.	London.	Woodstock.	Stoney Creek.	Toronto.	Lindsay.	Gravenhurst.	Ottawa.	Haileybury.
January	Highest..... 45.1 Lowest..... 6.9 Mean highest... 28.4 Mean lowest... 13.8 Monthly mean.. 21.1	46.4 9.0 27.3 15.4 21.4	46.8 9.7 29.1 14.6 21.9	46.7 11.0 28.6 13.1 20.4	50.9 4.7 32.5 13.2 25.4	45.5 7.5 29.5 15.0 22.3	42.0 20.4 24.8 7.0 15.9	41.7 27.4 24.5 3.9 14.2	40.4 21.2 20.0 2.2 11.1	38.3 23.6 18.4 5.3 6.6
February	Highest..... 44.2 Lowest..... 11.2 Mean highest... 27.3 Mean lowest... 10.7 Monthly mean.. 19.0	46.4 11.8 26.4 12.6 19.5	46.1 11.5 28.3 11.5 11.9	45.4 11.4 27.5 10.3 18.9	48.0 6.4 30.3 14.7 22.5	44.6 8.4 28.5 13.1 20.8	41.8 18.7 25.0 5.3 15.2	42.0 27.8 24.6 2.3 13.5	40.1 20.9 21.6 3.0 12.3	40.3 35.2 21.1 2.2 9.5
March	Highest..... 54.1 Lowest..... 3.2 Mean highest... 35.4 Mean lowest... 18.2 Monthly mean.. 26.8	57.9 1.6 36.4 21.7 29.1	58.5 0.4 38.1 20.7 29.4	56.4 1.2 36.5 19.1 27.8	60.3 5.3 39.7 24.8 32.4	56.3 3.9 36.7 22.2 29.5	51.6 6.6 34.4 16.0 25.2	50.8 14.1 34.1 12.7 23.4	48.3 8.4 33.6 15.2 23.9	50.6 21.8 33.0 7.2 20.1
April	Highest..... 72.9 Lowest..... 16.0 Mean highest... 49.3 Mean lowest... 31.4 Monthly mean.. 40.4	76.3 17.9 52.1 34.2 43.2	76.3 18.4 53.4 32.8 43.1	74.8 17.0 52.4 31.9 43.2	77.1 22.9 53.1 35.5 44.3	71.6 21.0 50.9 34.1 42.5	74.0 13.7 51.8 30.8 41.4	71.3 10.7 49.7 28.6 39.2	73.3 14.8 50.6 31.2 40.9	73.2 5.9 50.5 26.1 33.3
May	Highest..... 80.5 Lowest..... 23.3 Mean highest... 61.2 Mean lowest... 41.4 Monthly mean.. 51.3	82.4 28.9 65.4 44.6 55.0	83.0 29.4 66.9 44.2 55.6	81.2 28.8 65.0 42.8 53.9	84.7 33.2 65.4 45.1 55.3	79.8 31.7 63.4 44.3 53.9	82.7 28.0 66.1 42.2 54.2	81.4 26.7 63.9 40.9 52.4	83.0 39.9 66.2 44.0 55.1	84.3 23.8 65.2 38.7 52.0
June	Highest..... 85.5 Lowest..... 37.3 Mean highest... 70.8 Mean lowest... 50.7 Monthly mean.. 60.8	88.2 37.2 75.1 53.5 64.3	88.6 37.7 76.5 53.2 64.9	87.3 38.2 75.3 51.9 63.6	91.9 41.9 76.8 55.0 65.9	87.7 42.3 74.2 53.8 61.1	88.8 38.8 76.1 51.3 63.7	87.3 36.0 74.6 50.2 62.4	87.9 41.6 75.5 53.9 64.7	89.5 35.4 75.3 48.3 61.7
July	Highest..... 87.3 Lowest..... 43.5 Mean highest... 76.7 Mean lowest... 56.2 Monthly mean.. 66.5	91.8 42.9 79.6 57.8 68.7	91.8 43.7 80.6 57.2 68.9	90.0 44.0 79.4 55.8 67.6	95.3 48.5 82.6 60.7 71.7	91.1 48.3 79.1 58.7 68.9	91.6 43.9 80.0 55.5 67.8	89.4 42.3 78.4 55.0 66.7	90.8 47.7 78.9 58.4 68.7	91.5 40.4 78.1 52.7 65.9
August	Highest..... 86.3 Lowest..... 41.8 Mean highest... 73.8 Mean lowest... 55.4 Monthly mean.. 64.6	89.5 42.2 76.8 56.0 66.4	90.6 40.7 78.1 54.5 66.3	88.4 41.5 77.0 52.6 64.8	92.9 46.1 80.0 58.4 69.2	88.2 46.4 76.5 54.2 65.4	84.7 40.4 77.5 53.3 65.4	87.7 38.7 75.8 52.7 64.3	88.0 43.6 75.9 55.5 65.7	87.9 37.3 74.6 50.4 62.5
September	Highest..... 84.9 Lowest..... 34.2 Mean highest... 68.4 Mean lowest... 50.0 Monthly mean.. 59.2	86.8 34.1 70.5 51.0 60.6	86.8 31.9 71.8 49.4 60.6	85.7 31.6 70.4 47.7 59.1	90.3 36.5 73.4 52.5 63.0	85.0 36.7 69.6 50.9 58.3	86.0 31.6 69.6 46.9 58.3	83.8 30.7 68.6 46.5 57.6	84.1 33.3 68.0 48.0 58.0	83.6 29.2 67.2 43.7 55.5
October	Highest..... 74.4 Lowest..... 25.4 Mean highest... 56.3 Mean lowest... 39.9 Monthly mean.. 48.1	75.5 25.0 57.0 40.7 48.9	75.9 23.5 58.2 38.3 48.3	74.4 23.3 56.7 37.1 46.9	77.5 26.2 60.6 41.5 51.1	73.2 61.2 56.6 40.2 48.4	74.3 21.2 55.9 36.4 46.2	72.7 21.2 50.4 36.5 46.0	71.2 24.3 54.2 37.2 45.7	73.3 17.5 53.3 33.4 43.4
November	Highest..... 61.1 Lowest..... 14.7 Mean highest... 43.5 Mean lowest... 30.3 Monthly mean.. 36.9	62.6 13.4 42.9 30.9 36.9	62.1 12.8 44.2 29.4 36.9	61.4 11.5 43.2 28.0 35.6	75.2 17.6 46.8 32.5 39.7	60.0 15.5 43.9 30.9 37.4	59.2 6.4 41.1 26.2 33.7	58.7 7.3 40.6 25.9 33.3	57.6 7.1 39.7 26.6 33.2	55.7 0.0 36.9 21.9 29.4
December	Highest..... 49.6 Lowest..... 0.3 Mean highest... 33.3 Mean lowest... 20.6 Monthly mean.. 27.0	49.0 0.7 31.8 21.1 26.5	53.4 2.4 33.1 19.8 26.5	49.3 3.3 32.2 18.2 25.2	53.8 1.2 35.9 23.0 29.5	48.6 1.1 33.8 21.1 27.5	45.3 13.3 29.3 13.6 21.5	44.9 14.7 29.4 12.6 21.0	42.5 15.4 25.3 10.1 17.7	44.6 25.0 24.1 41.5 14.3
Annual mean.....	43.5	45.1	45.2	43.8	47.5	44.9	42.4	41.2	41.4	38.3



## RAIN AND SNOW.

TABLE III.—Summary of the total fall of rain and snow, and the number of days on which rain and snow fell in Ontario, during 1914, at stations reporting the whole year, and the average for the Province.

Stations	Rain.		Snow.		Stations	Rain.		Snow.	
	Inches	Days	Inches	Days		Inches	Days	Inches	Days
ALGOMA:					ONTARIO—Continued.				
Biscotasing .....	14.68	56	83.4	48	Uxbridge .....	14.43	66	74.5	35
BRANT:					OXFORD:				
Brantford .....	27.05	74	48.2	33	Woodstock .....	23.11	83	58.7	38
Paris .....	25.59	71	59.4	38	PARRY SOUND:				
BRUCE:					Emsdale .....	22.01	81	83.0	44
North Bruce .....	15.63	87	74.6	54	Parry Sound .....	18.61	84	138.9	59
Southampton .....	16.26	95	117.8	81	PEEL:				
Wiarton .....	16.38	52	170.0	46	Alton .....	20.89	63	73.3	46
CARLETON:					PERTH:				
Ottawa .....	18.17	78	94.7	65	Listowel .....	20.29	47	90.9	32
DUFFERIN:					PETERBOROUGH:				
Grand Valley .....	69.90	79	73.0	41	Peterborough .....	15.78	58	84.2	36
ESSEX:					PRINCE EDWARD:				
Cottam .....	24.65	62	63.9	22	Bloomfield .....	16.86	65	65.8	21
Windsor .....	27.43	74	33.8	21	Hillier .....	15.83	51	53.5	18
ELGIN:					RENFREW:				
Port Burwell .....	24.85	72	54.7	31	Renfrew .....	15.49	72	78.8	54
Port Stanley .....	29.69	126	75.0	66	Stonecliffe .....	17.50	94	115.2	70
FRONTENAC:					RAINY RIVER:				
Kingston .....	19.66	91	55.0	55	Fort Frances .....	20.48	54	36.6	32
GREY:					Ignace .....	22.70	60	80.5	23
Markdale .....	17.45	61	117.0	26	SIMCOE:				
HALTON:					Barrie .....	16.97	99	121.3	79
Georgetown .....	19.48	91	52.3	45	Collingwood .....	10.91	60	90.6	42
HURON:					Coldwater .....	12.19	56	147.8	51
Clinton .....	24.56	92	83.4	56	SUDBURY:				
Goderich .....	21.69	99	85.2	37	Porcupine .....	8.35	37	66.8	35
Lucknow .....	18.42	94	129.7	79	Wawaits Falls ...	14.80	67	96.7	59
KENORA:					THUNDER BAY:				
Sioux Lookout .....	21.35	52	45.9	47	Kakabeka Falls ...	19.58	74	63.1	30
KENT:					Nipigon .....	19.15	89	59.1	41
Chatham .....	25.12	53	46.0	16	Oscar .....	19.06	69	128.4	52
Wallaceburg .....	19.91	61	28.4	19	Port Arthur .....	15.69	87	28.5	39
LAMBTON:					Savanne .....	17.85	29	37.5	19
Birnam .....	23.81	60	86.8	41	Schreiber .....	16.37	63	111.9	36
LANARK:					VICTORIA:				
Almonte .....	18.21	23	94.6	39	Lindsay .....	16.12	76	71.9	51
MacCue .....	18.57	46	48.0	14	Kinmount .....	19.27	61	95.8	43
Montague .....	17.76	60	64.3	22	WELLAND:				
LEEDS:					Niagara Falls .....	22.39	63	68.5	21
Westport .....	17.77	55	51.7	20	Welland .....	23.22	78	11.8	31
LINCOLN:					WELLINGTON:				
Grimsby .....	27.60	87	44.5	33	Elora .....	20.36	81	74.0	30
North Grimsby .....	22.87	84	71.3	38	Guelph .....	21.54	97	52.1	49
Port Dalhousie .....					WENTWORTH:				
(Grantham) .....	22.91	81	47.2	39	Stoney Creek .....	18.95	59	59.6	22
MIDDLESEX:					YORK:				
London .....	24.45	86	110.1	54	Agincourt .....	17.48	75	70.7	55
Westminster .....	23.52	37	53.5	14	Aurora .....	17.16	43	89.3	28
MUSKOKA:					Deer Park .....	16.73	74	60.3	29
Beatrice .....	19.45	61	174.5	50	Toronto .....	19.76	100	74.3	50
Buckskin .....	18.22	40	94.1	40	Wexford .....	18.64	75	55.4	23
Gravenhurst .....	19.35	65	105.5	50	Average for the				
NIPISSING:					Province: 1914.	19.65	71	74.3	40
Cochrane .....	13.70	76	70.4	38	1913.	25.73	79	53.9	30
Haileybury .....	15.56	74	99.1	71	1912.	27.09	85	78.0	40
Montreal River .....	13.55	41	90.5	43	1911.	23.32	78	64.3	38
Rutherglen .....	15.77	64	65.9	32	1910.	23.01	76	80.3	44
NORFOLK:					1910-1914.	23.76	78	70.2	38
Port Dover .....	27.36	105	76.2	42	1882-1914.	24.08	84	72.8	40
ONTARIO:									
Oshawa .....	15.40	56	24.6	16					

RAIN AND SNOW.

TABLE IV. Monthly summary of inches of rain and snow in precipitation in the several districts of Ontario in 1914, also the average derived from the thirty-three years, 1882-1914.

Districts.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
West and Southwest:													
Rain... { 1914.....	0.83	0.49	1.51	2.47	3.39	2.47	1.54	4.86	2.44	1.81	1.94	0.53	24.28
{ 1882-1914.....	1.21	1.15	1.39	1.99	3.17	2.83	2.58	2.73	2.52	2.69	2.28	1.47	26.01
Snow.. { 1914.....	19.7	11.7	6.5	3.9	S					0.9	3.2	16.2	62.1
{ 1882-1914.....	15.4	13.3	8.4	2.3	S					0.7	5.1	12.1	57.3
North and Northwest:													
Rain... { 1914.....	0.27	0.02	0.44	1.27	1.69	2.26	1.74	3.30	2.50	2.19	1.48	0.14	17.30
{ 1882-1914.....	0.71	0.46	0.94	1.54	2.66	2.63	2.86	2.81	3.99	2.97	1.89	0.86	23.32
Snow.. { 1914.....	23.3	16.4	11.9	5.5	S					1.0	14.9	22.0	94.0
{ 1882-1914.....	24.7	20.3	13.1	3.7	0.3					1.5	12.4	21.9	97.9
Centre:													
Rain... { 1914.....	0.69	0.41	1.29	1.95	1.89	2.21	0.99	4.06	1.99	1.78	1.86	0.35	19.47
{ 1882-1914.....	1.10	0.89	1.34	1.95	2.82	2.65	2.81	2.27	2.34	2.48	2.08	1.27	24.00
Snow.. { 1914.....	20.7	10.3	13.2	2.6	S					S	3.9	15.2	65.9
{ 1882-1914.....	17.2	14.8	9.8	2.8	S					0.5	5.1	11.9	62.1
East and Northeast:													
Rain... { 1914.....	0.46	0.05	0.28	2.01	0.99	2.63	1.23	3.03	2.19	1.88	1.97	0.72	17.57
{ 1882-1914.....	0.92	0.61	1.15	1.61	2.68	2.69	2.90	2.63	2.52	2.38	1.87	1.09	23.05
Snow.. { 1914.....	23.2	16.1	13.3	4.2	S					0.2	8.8	15.3	75.1
{ 1882-1914.....	20.4	16.4	11.1	3.2	0.1					0.8	7.5	14.3	73.8
The Province:													
Rain... { 1914.....	0.56	0.24	0.88	1.93	1.99	2.39	1.41	3.81	2.28	1.92	1.81	0.43	19.65
{ 1882-1914.....	0.98	0.78	1.21	1.77	2.83	2.70	2.79	2.61	2.59	2.63	2.03	1.16	24.08
Snow.. { 1914.....	21.5	12.1	11.2	4.1	S					0.5	7.7	17.2	74.3
{ 1882-1914.....	19.4	16.2	10.6	3.0	0.1					0.9	7.5	15.1	72.8

SUNSHINE.

TABLE V. Monthly summary of bright sunshine at the principal stations in Ontario for 1914, showing the number of hours the sun was above the horizon, the hours of registered sunshine, the total for the year, and the average derived from the thirty-three years, 1882-1914.

Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.
Sun above horizon.....	285.7	291.4	369.9	406.4	461.1	465.7	470.9	434.5	376.3	340.2	286.9	274.2	4463.3
Woodstock..... { 1914.....	36.2	122.6	119.7	128.6	252.3	258.0	270.2	222.9	209.4	141.3	100.4	58.1	1919.7
{ 1882-1914.....	61.5	91.1	123.4	169.8	209.1	249.0	275.0	234.1	175.4	143.6	74.0	54.3	1860.3
Toronto..... { 1914.....	53.3	140.6	142.6	134.0	268.5	277.9	271.2	244.3	234.8	147.2	86.9	64.2	2065.5
{ 1882-1914.....	76.6	108.3	150.3	189.4	222.2	261.8	284.1	250.9	208.4	153.1	83.1	65.0	2053.2
Lindsay..... { 1914.....	70.3	125.2	111.1	128.7	260.1	227.5	218.1	198.8	175.3	126.9	69.9	44.6	1756.5
{ 1882-1914.....	75.0	103.3	147.1	187.3	210.9	240.4	255.3	230.0	188.9	134.6	72.1	55.7	1900.6
Kingston..... { 1914.....	71.4	167.4	120.7	116.1	259.2	278.1	274.8	218.8	209.6	128.5	85.5	72.0	2002.1
{ 1882-1914.....	76.8	110.6	147.1	183.5	206.5	252.9	270.7	247.8	187.9	138.2	78.2	67.5	1987.7
Ottawa..... { 1914.....	98.6	188.0	150.3	181.0	275.1	269.2	295.7	233.7	224.8	143.5	76.6	91.5	2228.0
{ 1882-1914.....	85.7	110.3	146.5	190.2	224.9	234.5	252.9	239.9	170.6	130.8	84.5	61.0	1931.8
Average of five stations..... { 1914.....	66.0	148.8	128.9	137.6	263.0	262.1	266.0	233.7	210.8	137.5	83.9	66.1	1994.4
{ 1913.....	61.3	111.8	106.7	207.5	241.4	315.5	297.5	257.6	213.4	121.4	95.1	78.6	2107.8
{ 1882-1914.....	75.1	104.7	142.9	184.1	214.7	247.7	267.6	240.5	186.2	140.1	78.4	60.7	1942.7



## RURAL AREA ASSESSED.

TABLE VI.—Showing by County Municipalities the rural area of Ontario as returned by Municipal assessors for 1914; also the comparative totals for the Province for the five years, 1910-1914.

Counties and Districts.	Acres of assessed land.	Acres cleared.	Acres of woodland.	Acres of slash land.	Acres of swamp, marsh or waste land.	Per cent. cleared.
Algoma .....	310,636	47,797	208,883	16,829	37,127	15.39
Brant .....	215,487	179,110	9,600	17,062	9,715	83.12
Bruce .....	933,360	585,599	118,713	107,430	121,618	62.74
Carleton .....	562,156	369,504	51,391	96,883	44,378	65.73
Dufferin .....	356,295	274,489	17,521	33,747	30,538	77.04
Dundas .....	236,529	177,853	23,717	30,400	4,559	75.19
Durham .....	370,543	304,910	25,542	8,695	31,396	82.29
Elgin .....	435,573	361,316	46,713	21,784	5,760	82.95
Essex .....	426,226	352,215	25,556	38,800	9,655	82.64
Frontenac .....	693,245	258,915	84,862	141,450	208,018	37.35
Glengarry .....	288,045	192,544	52,988	20,413	22,100	66.85
Grenville .....	272,774	187,230	30,628	17,920	36,996	68.64
Grey .....	1,063,936	696,547	121,469	82,603	163,317	65.47
Haldimand .....	280,813	239,503	31,751	8,085	1,474	85.29
Haliburton .....	586,323	45,388	375,191	51,821	113,923	7.74
Halton .....	224,334	173,777	15,750	24,039	10,768	77.46
Hastings .....	1,070,689	439,595	251,046	205,525	174,523	41.06
Huron .....	799,107	663,915	49,927	34,924	50,341	83.08
Kenora .....	73,518	4,752	23,489	35,242	10,035	6.46
Kent .....	568,388	468,413	31,965	49,407	18,603	82.41
Lambton .....	659,954	497,420	61,381	91,407	9,746	75.37
Lanark .....	670,628	331,416	175,888	36,880	126,444	49.42
Leeds .....	471,154	270,183	100,271	35,173	65,527	57.34
Lennox & Addington	441,546	252,686	93,343	48,836	46,681	57.23
Lincoln .....	189,885	162,077	15,085	10,923	1,800	85.36
Manitoulin .....	283,050	48,294	49,625	92,054	93,077	17.06
Middlesex .....	756,474	658,964	64,078	18,902	14,530	87.11
Muskoka .....	570,460	68,625	310,858	70,813	120,164	12.03
Nipissing .....	312,775	49,362	209,743	8,494	45,176	15.78
Norfolk .....	396,576	279,099	63,946	31,450	22,081	70.38
Northumberland...	441,331	353,210	38,316	18,386	31,419	80.03
Ontario .....	506,736	379,615	23,581	45,381	58,159	74.91
Oxford .....	471,350	399,832	33,863	20,709	16,946	84.83
Parry Sound .....	621,109	85,451	376,060	84,787	74,811	13.76
Peel .....	285,334	260,693	8,564	5,024	11,053	91.35
Perth .....	518,466	451,594	34,140	23,942	8,790	87.10
Peterborough .....	581,156	261,099	130,339	96,057	93,661	44.93
Prescott .....	294,300	209,411	37,423	29,655	17,811	71.15
Prince Edward ...	234,191	197,358	18,077	3,397	15,359	84.27
Rainy River .....	289,679	30,141	182,856	15,580	61,102	10.40
Renfrew .....	1,072,040	366,191	386,753	137,402	181,694	34.16
Russell .....	249,492	144,611	22,418	77,386	5,077	57.96
Simcoe .....	970,838	674,401	108,346	147,355	40,736	69.47
Stormont .....	248,550	157,648	37,108	34,339	19,435	63.43
Sudbury .....	356,128	49,216	198,048	22,261	86,603	13.82
Thunder Bay .....	411,076	31,259	307,405	38,546	33,866	7.60
Timiskaming .....	299,781	22,935	194,416	16,532	65,898	7.65
Victoria .....	599,641	287,295	61,849	110,469	140,028	47.91
Waterloo .....	307,346	252,780	32,178	5,502	16,885	82.25
Welland .....	226,849	185,535	18,683	13,691	8,940	81.79
Wellington .....	627,685	502,680	33,008	16,730	75,267	80.08
Wentworth .....	269,627	213,371	15,237	12,436	28,583	79.14
York .....	532,186	437,244	27,195	23,838	43,909	82.16
The Province.						
1914 .....	24,935,350	14,595,068	5,066,783	2,487,396	2,786,103	58.53
1913 .....	24,914,027	14,515,128	5,010,284	2,488,879	2,899,736	58.26
1912 .....	24,799,117	14,447,258	5,366,855	2,366,337	2,718,666	58.26
1911 .....	24,683,747	14,381,650	5,333,296	2,307,773	2,361,028	58.26
1910 .....	24,706,699	14,323,478	5,293,094	2,320,820	2,769,307	57.97

## FALL WHEAT AND SPRING WHEAT.

TABLE VII.—Showing by County Municipalities of Ontario the area, produce and market value of Fall Wheat and Spring Wheat for the year 1914, together with the comparative totals for the Province for 1912 and 1913, and the annual average for various periods.

Counties and Districts.	Fall Wheat.				Spring Wheat.			
	Acres.	Bushels.	Per acre.	Market value.	Acres.	Bushels.	Per acre.	Market value.
				\$				\$
Algoma.....	247	6,374	25.4	6,725	668	12,291	18.4	13,299
Brant.....	23,153	444,538	19.2	479,657	34	714	21.0	714
Bruce.....	27,821	614,844	22.1	661,572	3,476	69,172	19.9	67,858
Carleton.....	299	7,415	24.8	8,201	6,698	140,658	21.0	155,568
Dufferin.....	2,910	61,401	21.1	68,769	2,900	50,750	17.5	53,795
Dundas.....	101	2,475	24.5	2,752	852	19,000	22.3	20,140
Durham.....	8,445	179,034	21.2	203,920	4,574	65,408	14.3	73,126
Elgin.....	25,840	602,072	23.3	655,656	74	1,406	19.0	1,378
Essex.....	17,642	393,417	22.3	425,677	177	3,540	20.0	3,363
Frontenac.....	577	12,579	21.8	13,761	1,686	28,999	17.2	31,580
Glengarry.....	121	2,662	22.0	2,928	3,434	71,771	20.9	76,795
Grenville.....	40	900	22.5	975	666	13,520	20.3	14,561
Grey.....	19,046	382,825	20.1	421,490	5,411	96,216	17.8	105,934
Haldimand.....	27,178	554,431	20.4	603,775	593	9,369	15.8	8,769
Haliburton.....	25	458	18.3	458	147	2,881	19.6	2,990
Halton.....	15,710	241,934	15.4	269,514	586	10,079	17.2	11,006
Hastings.....	9,299	215,737	23.2	233,859	1,730	28,026	16.2	30,156
Huron.....	30,955	640,769	20.7	709,331	1,544	27,792	18.0	28,931
Kent.....	55,330	1,117,666	20.2	1,192,550	103	2,091	20.3	1,986
Lambton.....	30,987	684,813	22.1	733,435	241	5,784	24.0	5,784
Lanark.....	1,069	27,260	25.5	30,259	5,239	95,874	18.3	109,872
Leeds.....	1,208	29,234	24.2	32,450	1,073	20,065	18.7	22,031
Lennox and Add..	4,532	101,970	22.5	111,759	1,500	27,450	18.3	30,442
Lincoln.....	14,951	339,388	22.7	372,648	287	3,875	13.5	4,146
Manitoulin.....	298	6,884	23.1	7,455	1,226	21,823	17.8	23,329
Middlesex.....	44,378	998,505	22.5	1,082,379	59	944	16.0	991
Muskoka.....	27	540	20.0	594	498	8,615	17.3	8,865
Nipissing.....	53	795	15.0	890	783	15,112	19.3	16,442
Norfolk.....	30,041	588,804	19.6	639,441	82	1,558	19.0	1,433
Northumberland..	13,770	315,333	22.9	351,912	3,188	49,733	15.6	54,905
Ontario.....	12,414	276,832	22.3	308,114	5,599	99,662	17.8	108,831
Oxford.....	27,108	601,798	22.2	642,720	52	1,050	20.2	1,077
Parry Sound.....	104	2,527	24.3	2,780	871	15,765	18.1	17,168
Peel.....	12,635	222,376	17.6	244,836	2,418	50,778	21.0	54,332
Perth.....	29,577	550,132	18.6	589,191	539	9,648	17.9	9,455
Peterborough....	10,152	213,192	21.0	237,070	2,521	36,555	14.5	39,553
Prescott.....	187	3,740	20.0	4,114	2,679	48,490	18.1	52,903
Prince Edward ..	5,379	105,428	19.6	112,386	627	10,659	17.0	11,149
Rainy R. & Kenora	246	5,904	24.0	6,258	830	17,928	21.6	19,273
Renfrew.....	2,265	57,758	25.5	61,628	30,098	541,764	18.0	585,647
Russell.....	326	6,520	20.0	7,283	2,284	48,192	21.1	54,216
Simcoe.....	68,820	1,486,512	21.6	1,636,650	5,022	87,383	17.4	92,364
Stormont.....	93	1,795	19.3	1,953	680	12,988	19.1	13,521
Sudbury.....	91	1,820	20.0	2,002	910	21,112	23.2	24,279
Thunder Bay....	38	904	23.8	949	486	12,150	25.0	12,758
Timiskaming.....	94	2,115	22.5	2,396	407	8,262	20.3	9,361
Victoria.....	7,306	155,618	21.3	176,626	4,431	71,782	16.2	78,314
Waterloo.....	26,357	455,976	17.3	493,366	281	4,018	14.3	3,950
Welland.....	18,335	423,539	23.1	471,822	63	882	14.0	882
Wellington.....	11,667	222,840	19.1	244,678	2,070	39,951	19.3	39,551
Wentworth.....	19,993	381,866	19.1	421,962	511	7,921	15.5	7,526
York.....	26,452	579,299	21.9	647,656	5,699	117,969	20.7	124,221
The Province:								
1914.....	685,692	14,333,548	20.9	15,641,232	118,607	2,169,425	18.3	2,340,520
1913.....	646,533	15,945,717	24.7	13,550,459	116,581	2,068,951	17.7	1,818,652
1912.....	759,888	15,039,885	19.8	13,795,968	123,080	2,302,339	18.7	2,072,266
Averages (10 years)								
1902-1911....	720,272	16,912,017	23.	14,142,444	182,335	3,269,976	17.9	2,655,591
1892-1901....	930,794	18,688,313	20.1	12,650,091	356,355	5,405,846	15.2	3,650,840
1882-1891....	902,846	18,059,235	20.0	16,250,884	563,547	8,882,998	15.8	7,959,306
Average (33 years)								
1882-1914....	837,310	17,627,721	21.1	14,346,116	344,868	5,519,058	16.0	4,511,782



## BARLEY AND OATS.

TABLE VIII.—Showing by County Municipalities of Ontario the area, produce and market value of Barley and Oats for the year 1914, together with the comparative totals for the Province for 1912 and 1913, and the annual averages for various periods.

Counties and Districts.	Barley.				Oats.			
	Acres.	Bushels.	Per acre.	Market value.	Acres.	Bushels.	Per acre.	Market value.
				\$				\$
Algoma.....	1,428	46,553	32.6	32,587	9,782	407,909	41.7	212,928
Brant.....	8,145	241,907	29.7	158,207	27,463	961,205	35.0	461,378
Bruce.....	21,367	739,298	34.6	451,711	111,220	4,370,946	39.3	1,997,522
Carleton.....	7,420	251,538	33.9	167,776	86,279	3,554,695	41.2	1,777,348
Dufferin.....	14,648	520,004	35.5	317,202	68,191	2,829,927	41.5	1,358,865
Dundas.....	3,952	142,667	36.1	104,004	32,113	1,339,112	41.7	727,138
Durham.....	13,848	325,428	23.5	216,410	54,091	1,655,185	30.6	852,420
Elgin.....	7,803	250,476	32.1	161,807	52,816	1,933,066	36.6	962,667
Essex.....	10,154	339,144	33.4	208,574	69,605	2,519,701	36.2	1,138,905
Frontenac.....	4,320	105,408	24.4	75,261	39,976	1,103,338	27.6	589,182
Glenagarry.....	5,646	195,916	34.7	134,790	40,885	1,602,692	39.2	809,359
Grenville.....	1,930	52,882	27.4	38,234	37,340	1,806,900	35.0	667,826
Grey.....	28,634	904,834	31.6	564,616	153,688	5,563,506	36.2	2,631,538
Haldimand.....	8,151	247,790	30.4	159,081	35,927	1,253,852	34.9	605,611
Haliburton.....	553	16,424	29.7	11,168	9,365	300,617	32.1	155,720
Halton.....	7,630	244,160	32.0	161,878	30,635	1,240,718	40.5	615,396
Hastings.....	15,531	344,788	22.2	244,455	84,052	2,403,887	28.6	1,365,408
Huron.....	30,053	1,084,913	36.1	673,731	136,407	5,797,298	42.5	2,742,122
Kent.....	16,050	513,600	32.0	308,160	63,541	2,338,309	36.8	1,110,697
Lambton.....	18,094	622,434	34.4	383,419	81,537	3,285,941	40.3	1,580,538
Lanark.....	6,946	226,440	32.6	156,244	47,416	1,768,617	37.3	884,309
Leeds.....	4,391	129,974	29.6	92,931	43,298	1,472,132	34.0	819,978
Lennox and Add..	6,646	166,815	25.1	117,938	36,865	1,017,474	27.6	557,576
Lincoln.....	2,001	59,030	29.5	39,727	18,594	674,962	36.3	355,030
Manitowlin.....	1,713	55,501	32.4	35,465	7,913	335,511	42.4	162,052
Middlesex.....	18,344	632,868	34.5	403,137	100,206	3,948,116	39.4	1,950,369
Muskoka.....	702	18,884	26.9	13,313	14,838	492,622	33.2	272,420
Nipissing.....	904	27,030	29.9	20,029	10,783	410,832	38.1	211,989
Norfolk.....	5,116	151,434	29.6	101,764	36,302	1,136,253	31.3	574,944
Northumberland..	10,025	243,608	24.3	167,846	60,149	1,906,723	31.7	1,052,511
Ontario.....	24,102	701,368	29.1	451,681	84,903	3,217,824	37.9	1,612,130
Oxford.....	12,603	458,749	36.4	295,893	78,030	3,464,532	44.4	1,611,007
Parry Sound.....	1,279	30,312	23.7	21,946	19,438	662,836	34.1	351,966
Peel.....	27,007	861,523	31.9	570,328	55,432	2,239,453	40.4	1,101,811
Perth.....	25,694	976,372	38.0	576,059	103,979	4,637,463	44.6	2,151,783
Peterborough.....	10,178	251,397	24.7	172,207	52,129	1,589,935	30.5	809,277
Prescott.....	4,634	133,459	28.8	93,154	49,514	1,653,768	33.4	798,770
Prince Edward....	7,975	207,350	26.0	135,814	28,098	831,701	29.6	415,851
Rainy R'r. & Kenora	1,882	60,224	32.0	44,566	6,285	244,487	38.9	149,382
Renfrew.....	4,835	142,633	29.5	89,716	65,620	2,198,270	33.5	1,055,170
Russell.....	4,189	136,561	32.6	93,817	33,947	1,310,354	38.6	628,970
Simcoe.....	63,152	1,799,832	28.5	1,117,696	145,419	5,278,710	36.3	2,607,683
Stormont.....	3,425	110,628	32.3	76,997	30,063	1,118,344	37.2	570,355
Sudbury.....	1,288	36,193	28.1	27,724	9,750	321,750	33.0	188,546
Thunder Bay.....	957	31,581	33.0	19,833	5,638	242,998	43.1	126,602
Timiskaming.....	788	25,216	32.0	19,542	4,734	175,631	37.1	107,486
Victoria.....	20,315	540,379	26.6	346,923	65,125	2,155,638	33.1	1,073,508
Waterloo.....	9,725	320,925	33.0	207,959	57,526	2,289,535	39.8	1,137,899
Welland.....	1,989	49,924	25.1	32,950	25,612	865,686	33.8	462,276
Wellington.....	21,478	743,139	34.6	478,582	116,143	4,517,963	38.9	2,182,176
Wentworth.....	8,335	270,054	32.4	177,966	37,460	1,393,512	37.2	732,987
York.....	41,498	1,307,187	31.5	867,972	100,761	4,221,886	41.9	2,153,162
The Province:								
1914.....	579,473	18,096,754	31.2	11,640,790	2,776,883	103,564,322	37.3	51,232,043
1913.....	623,658	18,255,958	29.3	10,136,759	2,699,459	98,426,902	36.5	36,342,489
1912.....	647,382	19,232,275	29.7	11,296,962	2,601,735	98,444,807	37.8	38,005,016
Averages (10 yrs.)								
1902-1911.....	711,199	21,709,056	30.5	10,870,736	2,703,900	98,968,442	36.6	36,309,289
1892-1901.....	498,932	13,100,823	26.3	5,037,346	2,291,902	79,229,462	34.6	22,119,649
1882-1891.....	743,245	19,349,351	26.0	10,547,091	1,663,205	58,410,603	35.1	21,017,492
Average (33 yrs.)								
1882-1914.....	648,009	18,096,281	27.9	9,018,977	2,262,671	80,803,670	35.7	27,880,117

## PEAS AND BEANS.

TABLE IX.—Showing by County Municipalities of Ontario the area, produce and market value of Peas and Beans for the year 1914, together with the comparative totals for the Province for 1912 and 1913, and the annual averages for various periods.

Counties and Districts.	Peas.				Beans.			
	Acres.	Bushels.	Per acre.	Market value.	Acres.	Bushels.	Per acre.	Market value.
				\$				\$
Algoma .....	1,147	24,316	21.2	31,368	14	280	20.0	644
Brant .....	1,886	22,255	11.8	25,972	923	13,845	15.0	28,659
Bruce .....	16,241	228,998	14.1	313,956	285	3,848	13.5	8,696
Carleton .....	1,071	17,779	16.6	24,446	279	5,580	20.0	12,667
Dufferin .....	4,264	64,386	15.1	87,565	15	225	15.0	450
Dundas .....	319	7,273	22.8	7,528	184	4,600	25.0	10,074
Durham .....	13,383	148,551	11.1	219,558	488	7,125	14.6	16,673
Elgin .....	1,026	16,416	16.0	18,238	5,860	97,862	16.7	204,532
Essex .....	292	4,380	15.0	4,380	757	13,626	18.0	28,751
Frontenac .....	292	4,234	14.5	4,806	208	3,245	15.6	7,626
Glengarry .....	899	16,272	18.1	20,877	164	3,280	20.0	6,986
Grenville .....	118	2,478	21.0	2,691	139	2,335	16.8	5,347
Grey .....	11,471	159,447	13.9	226,734	68	1,088	16.0	2,176
Haldimand .....	2,452	31,140	12.7	32,604	353	5,789	16.4	12,678
Haliburton .....	292	4,876	16.7	5,573	12	240	20.0	600
Halton .....	1,923	26,153	13.6	37,634	103	1,267	12.3	2,851
Hastings .....	2,833	37,962	13.4	51,097	445	6,141	13.8	13,265
Huron .....	7,419	107,576	14.5	152,865	7,874	125,984	16.0	264,566
Kent .....	1,808	38,330	21.2	44,080	23,143	379,545	16.4	785,658
Lambton .....	1,297	26,718	20.6	30,565	984	17,122	17.4	34,586
Lanark .....	1,246	17,444	14.0	23,706	182	2,675	14.7	5,805
Leeds .....	454	7,673	16.9	9,814	197	3,152	16.0	6,871
Lennox and Add'n .....	1,008	14,112	14.0	17,795	152	2,584	17.0	6,072
Lincoln .....	1,187	17,330	14.6	20,865	370	6,105	16.5	14,652
Manitoulin .....	2,038	37,907	18.6	44,768	17	204	12.0	428
Middlesex .....	2,033	41,677	21.5	50,596	1,336	23,514	17.6	50,555
Muskoka .....	900	15,840	17.6	20,497	22	330	15.0	825
Nipissing .....	930	17,205	18.5	25,584	16	240	15.0	511
Norfolk .....	3,599	51,106	14.2	57,085	1,267	20,525	16.2	42,897
Northumberland .....	6,458	72,330	11.2	111,388	546	9,937	18.2	23,451
Ontario .....	9,467	147,685	15.6	218,721	407	6,105	15.0	13,919
Oxford .....	1,162	19,057	16.4	22,049	143	2,631	18.4	6,183
Parry Sound .....	2,039	33,032	16.2	42,545	14	210	15.0	494
Peel .....	3,897	72,484	18.6	101,913	38	475	12.5	1,107
Perth .....	5,201	81,136	15.6	101,014	77	1,115	15.0	2,564
Peterborough .....	11,304	118,692	10.5	183,973	110	1,727	15.7	4,076
Prescott .....	772	13,278	17.2	18,589	205	4,100	20.0	9,594
Prince Edward .....	4,177	60,567	14.5	74,679	576	9,792	17.0	22,130
Rainy Riv. & Kenora .....	113	2,260	20.0	3,019	6	90	15.0	188
Renfrew .....	10,460	161,084	15.4	216,014	212	3,032	14.3	7,065
Russell .....	766	16,775	21.9	23,150	139	2,196	15.8	4,546
Simcoe .....	9,552	141,370	14.8	211,207	309	5,099	16.5	10,606
Stormont .....	44	651	14.8	719	124	1,830	15.0	3,999
Sudbury .....	1,209	24,180	20.0	36,439	6	96	16.0	240
Thunder Bay .....	323	6,460	20.0	11,305	.....	.....	.....	.....
Timiskaming .....	772	18,528	24.0	26,310	8	120	15.0	240
Victoria .....	6,091	85,274	14.0	119,213	53	795	15.0	1,988
Waterloo .....	2,163	33,959	15.7	37,049	19	266	14.0	614
Welland .....	458	7,282	15.9	9,132	1,971	28,185	14.3	85,119
Wellington .....	9,086	129,021	14.2	168,888	29	580	20.0	1,276
Wentworth .....	645	10,643	16.5	12,655	147	2,940	20.0	6,703
York .....	7,869	144,003	18.3	202,756	153	2,188	14.3	5,229
The Province:								
1914 .....	177,856	2,609,585	14.7	3,565,974	51,149	835,895	16.3	1,787,432
1913 .....	177,303	3,108,263	17.5	3,127,551	36,639	1,021,243	15.3	1,738,900
1912 .....	221,524	3,667,005	16.6	4,047,354	69,703	1,182,132	17.0	2,280,173
Averages (10 years):								
1902-1911 .....	389,104	7,056,642	18.1	5,275,196	50,006	854,999	17.1	1,263,012
1892-1901 .....	759,819	14,242,404	18.5	7,613,480	51,654	875,597	17.0	818,381
1882-1891 .....	668,962	13,908,658	20.8	8,573,501	26,201	469,393	17.9	545,087
Average 33 years):								
1882-1914 .....	571,380	10,953,391	19.2	6,829,171	44,427	758,762	17.1	971,858



## RYE AND BUCKWHEAT.

TABLE X.—Showing by County Municipalities of Ontario the area, produce and market value of Rye and Buckwheat for the year 1914, together with the comparative totals for the Province for 1912 and 1913, and the annual averages for various periods.

Counties and Districts.	Rye.				Buckwheat.			
	Acres.	Bushels.	Per acre.	Market value.	Acres.	Bushels.	Per acre.	Market value.
				\$				\$
Algoma .....	360	6,588	18.3	5,336	64	1,280	20.0	1,011
Brant .....	3,785	70,023	18.5	58,819	2,462	52,933	21.5	36,788
Bruce .....	642	10,914	17.0	7,912	4,090	99,796	24.4	69,857
Carleton .....	1,262	21,833	17.3	17,641	5,040	122,976	24.4	87,067
Dufferin .....	5,810	107,485	18.5	90,610	6,752	168,800	25.0	119,679
Dundas .....	750	13,875	18.5	11,974	1,749	52,470	30.0	35,837
Durham .....	13,588	197,026	14.5	168,063	6,254	130,709	20.9	91,496
Elgin .....	2,633	47,657	18.1	39,746	3,054	60,469	19.8	42,147
Essex .....	627	13,794	22.2	11,490	1,043	24,302	23.3	15,650
Frontenac .....	2,159	36,487	16.9	30,576	2,639	57,530	21.8	40,904
Glengarry .....	10	180	18.0	140	1,727	46,802	27.1	33,510
Grenville .....	799	15,980	20.0	13,487	4,055	92,454	22.8	67,899
Grey .....	1,344	21,907	16.3	17,548	6,375	143,438	22.5	95,673
Haldimand .....	224	3,763	16.8	2,988	2,240	59,360	26.5	41,493
Haliburton .....	352	6,547	18.6	5,138	709	15,385	21.7	10,169
Halton .....	537	9,183	17.1	7,475	885	18,054	20.4	13,089
Hastings .....	9,407	154,275	16.4	128,357	8,797	214,647	24.4	159,268
Huron .....	296	5,920	20.0	4,618	5,199	122,696	23.6	84,415
Kent .....	1,147	25,808	22.5	21,859	801	18,423	23.0	12,767
Lambton .....	105	2,100	20.0	1,514	146	2,920	20.0	2,240
Lanark .....	2,789	46,576	16.7	39,170	6,354	149,954	23.6	108,117
Leeds .....	1,523	28,176	18.5	23,865	3,548	86,215	24.3	61,041
Lennox and Add.	2,970	50,193	16.9	43,969	4,179	100,714	24.1	73,823
Lincoln .....	377	6,409	17.0	5,236	382	9,932	26.0	7,469
Manitowlin .....	391	6,256	16.0	4,629	43	1,161	27.0	755
Middlesex .....	977	17,586	18.0	14,297	914	21,205	23.2	16,625
Muskoka .....	93	1,553	16.7	1,305	113	2,260	20.0	1,808
Nipissing .....	52	910	17.5	774	110	1,980	18.0	1,550
Norfolk .....	11,072	177,152	16.0	156,425	10,330	247,920	24.0	177,263
Northumberland	14,986	230,784	15.4	215,091	10,887	272,175	25.0	200,865
Ontario .....	5,922	110,741	18.7	96,677	7,107	176,254	24.8	129,018
Oxford .....	2,751	45,116	16.4	36,093	3,035	76,786	25.3	54,825
Parry Sound .....	329	5,725	17.4	4,695	214	4,815	22.5	3,520
Peel .....	2,107	36,873	17.5	31,526	2,228	47,456	21.3	33,741
Perth .....	194	3,104	16.0	2,483	1,128	29,328	26.0	21,116
Peterborough .....	5,005	81,582	16.3	67,795	5,070	118,131	23.3	85,173
Prescott .....	191	3,056	16.0	2,598	1,650	41,415	25.1	29,860
Prince Edward .....	7,651	119,356	15.6	97,753	5,839	148,895	25.5	108,247
Painy R. & Kenora	38	722	19.0	578	19	380	20.0	266
Renfrew .....	9,603	166,132	17.3	137,723	2,019	43,207	21.4	27,480
Russell .....	40	640	16.0	512	1,331	31,678	23.8	22,808
Simcoe .....	13,350	222,945	16.7	185,490	14,897	360,507	24.2	258,844
Stormont .....	75	1,215	16.2	984	2,652	62,057	23.4	44,185
Sudbury .....	171	3,420	20.0	2,736	176	4,400	25.0	3,300
Thunder Bay .....	141	2,820	20.0	1,974	77	1,540	20.0	1,078
Timiskaming .....	8	136	17.0	109	48	930	20.0	720
Victoria .....	1,345	21,789	16.2	18,521	6,771	176,723	26.1	124,590
Waterloo .....	2,349	41,342	17.6	33,652	1,955	44,183	22.6	31,105
Welland .....	418	8,109	19.4	6,803	2,081	44,533	21.4	32,197
Wellington .....	1,523	26,196	17.4	22,057	8,469	210,031	24.8	151,642
Wentworth .....	1,532	24,512	16.0	19,928	2,004	47,294	23.6	35,660
York .....	3,103	53,061	17.1	44,783	7,516	181,887	24.2	132,414
The Province:								
1914 .....	138,913	2,315,532	16.7	1,965,522	177,227	4,251,421	24.0	3,041,564
1913 .....	118,429	1,979,775	16.7	1,310,306	228,279	4,012,418	17.6	2,549,398
1912 .....	105,949	1,839,675	17.4	1,287,208	205,893	5,414,796	26.3	2,950,001
Averages (10 yrs.)								
1902-1911 .....	112,424	1,877,432	16.7	1,129,754	131,168	2,871,668	21.9	1,503,428
1892-1901 .....	129,188	2,088,786	16.2	937,885	131,005	2,450,389	18.7	949,189
1882-1891 .....	103,636	1,683,211	16.2	1,010,057	69,230	1,413,900	20.4	586,472
Average (33 years).								
1882-1914 .....	115,629	1,897,857	16.4	1,070,909	118,952	2,455,703	20.6	1,179,753

## CORN.\*

TABLE XI.—Showing by County Municipalities of Ontario, the area, produce and market value of Corn for husking and for fodder for the year 1914, together with the comparative totals for the Province for 1912 and 1913 and the annual averages for various periods.

Counties and Districts.	Corn for husking.				Corn for Silo.			
	Acres.	Bushels.	Per acre.	Market Value.	Acres.	Tons green.	Per acre.	Market value.
				\$				\$
Algoma .....	60	5,100	85.0	2,550	171	2,102	12.29	5,255
Brant .....	3,731	310,792	83.3	150,113	7,148	76,984	10.77	192,460
Bruce .....	520	26,000	50.0	13,104	11,032	117,822	10.68	294,555
Carleton .....	909	52,813	58.1	29,945	16,322	232,099	14.22	580,247
Dufferin .....	27	1,350	50.0	698	1,942	18,313	9.43	45,782
Dundas .....	2,435	176,538	72.5	84,915	9,952	119,424	12.00	298,560
Durham .....	1,778	97,790	55.0	51,046	8,682	91,421	10.53	228,552
Elgin .....	21,284	1,947,486	91.5	981,533	15,505	175,051	11.29	437,627
Essex .....	81,952	6,859,382	83.7	2,846,644	2,442	22,784	9.33	56,960
Frontenac .....	1,834	115,175	62.8	64,498	6,322	66,381	10.50	165,952
Glengarry .....	687	34,350	50.0	18,618	6,535	79,270	12.13	198,175
Grenville .....	2,017	138,770	68.8	62,447	6,194	83,371	13.46	208,427
Grey .....	393	23,580	60.0	12,568	15,889	155,394	9.78	388,485
Haldimand .....	3,317	233,185	70.3	119,857	4,044	33,484	8.28	83,710
Haliburton .....	190	10,450	55.0	5,570	330	3,887	11.78	9,718
Halton .....	548	35,072	64.0	17,536	6,083	73,483	12.08	183,707
Hastings .....	5,904	354,240	60.0	182,788	14,255	121,453	8.52	303,632
Huron .....	1,218	62,118	51.0	32,798	17,836	224,555	12.59	561,388
Kent .....	66,444	5,601,229	84.3	2,369,320	6,853	82,853	12.09	207,132
Lambton .....	26,087	1,934,691	83.8	903,501	16,014	150,051	9.37	375,127
Lanark .....	1,035	51,750	50.0	28,049	10,879	135,988	12.50	339,970
Leeds .....	3,296	224,458	68.1	111,556	9,413	104,767	11.13	261,917
Lennox & Add... ..	2,189	140,096	64.0	77,753	4,156	38,443	9.25	96,108
Lincoln .....	4,871	349,251	71.7	185,103	3,910	36,715	9.39	91,788
Manitoulin .....	78	4,056	52.0	2,028	504	6,386	12.67	15,965
Middlesex .....	13,760	1,191,616	86.6	592,233	22,136	270,059	12.20	675,147
Muskoka .....	155	10,075	65.0	5,713	636	6,430	10.11	16,075
Nipissing .....	89	3,560	40.0	1,780	189	1,890	10.00	4,725
Norfolk .....	15,753	1,131,065	71.8	555,343	8,590	81,605	9.50	204,012
Northumberland ..	3,715	282,712	76.1	142,487	9,574	88,464	9.24	221,160
Ontario .....	824	45,320	55.0	23,838	14,870	181,117	12.18	452,793
Oxford .....	4,349	330,959	76.1	175,077	30,684	373,117	12.16	932,793
Parry Sound ... ..	88	4,400	50.0	2,200	316	2,528	8.00	6,320
Peel .....	241	12,050	50.0	6,591	6,805	95,270	14.00	238,175
Perth .....	560	34,720	62.0	16,909	16,173	186,636	11.54	466,590
Peterborough ... ..	245	14,700	60.0	8,232	6,926	89,692	12.95	224,230
Prescott .....	1,679	92,345	55.0	52,360	6,154	66,402	10.79	166,005
Prince Edward ...	6,277	421,187	67.1	222,387	6,305	56,051	8.89	140,128
Rainy R'r. & Kenora	30	1,200	40.0	660	33	305	9.25	763
Renfrew .....	641	32,050	50.0	19,230	5,787	56,597	9.78	141,493
Russell .....	426	21,300	50.0	11,545	4,520	51,076	11.30	127,690
Simcoe .....	1,178	70,680	60.0	38,874	15,748	190,236	12.08	475,590
Stormont .....	1,737	93,103	53.6	48,786	6,297	88,725	14.09	221,813
Sudbury .....	40	1,600	40.0	800	71	497	7.00	1,243
Thunder Bay ... ..					19	190	10.00	475
Timiskaming ... ..					4	40	10.00	100
Victoria .....	527	26,350	50.0	13,175	7,019	71,945	10.25	179,863
Waterloo .....	419	20,950	50.0	10,999	11,148	123,520	11.08	308,800
Welland .....	6,420	470,536	73.3	249,411	3,794	34,146	9.00	85,365
Wellington .....	274	15,070	55.0	8,078	8,526	97,232	11.41	243,205
Wentworth .....	804	60,300	75.0	30,271	7,135	85,905	12.04	214,763
York .....	782	54,740	70.0	30,928	16,233	199,017	12.26	497,543
The Province:								
1914 .....	290,817	23,232,360	80.0	10,622,455	418,105	4,751,223	11.36	11,878,058
1913 .....	299,871	22,214,014	74.1	9,545,538	388,138	4,059,345	10.46	10,148,363
1912 .....	301,251	21,969,468	72.9	8,162,565	377,982	3,969,597	10.50	9,923,993
Averages (10 years)								
1902-1911.....	325,515	22,988,755	70.6	8,780,681	236,330	2,731,936	11.56	5,652,083
1892-1901.....	294,076	21,218,057	72.2	5,314,705	157,611	1,777,533	11.28	3,555,065
Average (23 years)								
1892-1914.....	308,167	22,151,476	71.9	7,360,192	222,766	2,516,298	11.30	5,392,156

\*The combined average of corn for the ten years, 1882-1891, is 195,878 acres, the average value of the produce for the same period being \$3,704,614. The combined average for corn for the thirty-three years 1882-1914 is 429,402 acres, the average value of the produce for the same period being \$10,176,834.



## POTATOES AND CARROTS.

TABLE XII.—Showing by County Municipalities of Ontario, the area, produce and market value of Potatoes and Carrots for the year 1914, together with the comparative totals for the Province for 1912 and 1913, and the annual averages for the various periods.

Counties and Districts.	Potatoes				Carrots.			
	Acres.	Bushels.	Per acre.	Market value.	Acres.	Bushels.	Per acre.	Market value.
				\$				\$
Algoma .....	1,259	299,642	138	140,832	34	11,900	350	1,488
Brant .....	2,670	408,510	153	177,293	21	9,093	433	1,136
Bruce .....	4,428	757,188	171	320,291	96	34,272	357	4,283
Carleton .....	5,586	932,862	167	452,438	79	16,590	210	2,073
Dufferin .....	3,800	706,800	186	232,537	15	4,500	300	563
Dundas .....	1,762	362,972	206	186,931	23	7,291	317	911
Durham .....	3,737	568,024	152	244,818	28	8,400	300	1,050
Elgin .....	3,417	386,121	113	183,407	33	11,550	350	1,443
Essex .....	3,241	434,294	134	231,478	40	12,000	300	1,500
Frontenac .....	3,263	554,710	170	284,012	34	6,562	193	820
Glengarry .....	2,106	318,006	151	148,827	91	31,395	345	3,924
Grenville .....	2,860	574,860	201	245,465	37	18,500	500	2,313
Grey .....	5,746	1,045,772	182	399,485	90	29,250	325	3,656
Haldimand .....	1,378	158,470	115	84,148	17	3,196	188	400
Haliburton .....	634	105,244	166	51,885	27	8,100	300	1,013
Halton .....	1,666	271,558	163	116,770	13	5,395	415	674
Hastings .....	5,928	930,696	157	390,892	68	16,836	244	2,105
Huron .....	4,591	780,470	170	309,847	65	24,375	375	3,047
Kent .....	4,491	606,285	135	320,118	56	23,800	425	2,975
Lambton .....	3,773	614,999	163	295,200	69	34,500	500	4,313
Lanark .....	2,444	432,588	177	186,445	47	11,750	250	1,469
Leeds .....	3,069	503,316	164	243,102	47	12,831	273	1,604
Lennox & Add. ...	3,179	457,776	144	200,048	22	4,862	221	608
Lincoln .....	2,382	290,604	122	147,336	92	31,004	337	3,875
Manitoulin .....	624	137,904	221	51,990	12	5,400	450	675
Middlesex .....	7,655	1,217,145	159	489,292	59	15,340	260	1,917
Muskoka .....	1,269	269,028	212	124,829	29	6,815	235	852
Nipissing .....	1,109	252,852	228	117,070	49	7,350	150	919
Norfolk .....	4,130	491,470	119	226,076	51	13,158	258	1,645
Northumberland ..	4,283	655,299	153	262,120	48	13,920	290	1,740
Ontario .....	5,072	781,088	154	311,654	48	10,800	225	1,350
Oxford .....	3,148	519,420	165	251,919	44	18,172	413	2,272
Parry Sound .....	1,498	268,640	180	114,867	50	15,500	310	1,937
Peel .....	3,606	674,322	187	273,100	99	30,195	305	3,774
Perth .....	3,196	588,064	184	235,226	23	6,555	285	819
Peterborough .....	2,311	342,028	148	145,020	21	4,200	200	525
Prescott .....	2,577	381,396	148	164,382	35	10,115	289	1,264
Prince Edward .....	1,887	243,423	129	115,383	37	13,505	365	1,688
Rainy R'r & Kenora	676	137,904	204	94,878	21	6,573	313	822
Renfrew .....	3,951	612,405	155	278,032	76	19,076	251	2,385
Russell .....	1,875	324,375	173	137,535	91	27,300	300	3,413
Simcoe .....	9,258	1,509,054	163	543,259	167	48,764	292	6,096
Stormont .....	1,772	294,152	166	149,429	39	13,494	346	1,687
Sudbury .....	1,262	278,902	221	138,335	25	6,200	248	775
Thunder Bay .....	1,720	345,720	201	230,595	38	11,400	300	1,425
Timiskaming .....	839	91,451	109	58,529	21	4,200	200	525
Victoria .....	2,390	370,450	155	155,589	20	6,000	300	750
Waterloo .....	3,141	489,996	156	212,168	45	17,235	383	2,154
Welland .....	3,095	315,690	102	178,996	23	5,267	225	658
Wellington .....	5,231	894,501	171	341,699	42	16,800	400	2,100
Wentworth .....	4,437	519,129	117	233,089	27	10,503	389	1,313
York .....	8,169	1,209,012	148	518,666	63	24,381	387	3,048
The Province:								
1914 .....	167,591	26,717,587	159	11,747,332	2,448	766,170	313	95,771
1913 .....	159,661	19,024,115	119	12,114,656	2,400	592,016	247	74,002
1912 .....	158,888	21,346,394	134	13,604,052	2,742	747,207	273	93,401
Averages (10 years)								
1902-1911 .....	153,092	17,355,152	113	8,928,246	5,243	1,688,002	322	211,000
1892-1901 .....	164,451	18,304,638	111	6,150,629	11,163	3,880,538	348	485,068
1882-1891 .....	155,449	18,840,683	121	8,476,165	10,243	3,659,347	351	457,417
Average (33 years)								
1882-1914 .....	158,062	18,548,268	117	8,272,226	8,860	2,860,129	342	357,516

## MANGEL-WURZELS AND TURNIPS.

TABLE XIII. Showing by County Municipalities of Ontario the area, produce and market value of Mangel-Wurzels and Turnips for the year 1914, together with the comparative totals for the Province for 1912 and 1913, and the annual averages for various periods.

Counties and Districts.	Mangel-Wurzels.				Turnips.			
	Acres.	Bushels.	Per Acre.	Market Value.	Acres.	Bushels.	Per Acre.	Market value.
				\$				\$
Algoma .....	19	7,733	407	619	385	209,055	543	20,906
Brant .....	1,079	592,371	549	47,390	2,848	1,424,000	500	142,400
Bruce .....	3,240	1,470,960	454	117,677	3,404	1,361,600	400	136,160
Carleton .....	372	117,180	315	9,374	2,195	939,460	428	93,946
Dufferin .....	518	213,416	412	17,073	2,726	1,215,796	446	121,580
Dundas .....	109	57,225	525	4,578	130	43,940	338	4,394
Durham .....	1,706	810,350	475	64,828	4,359	2,074,884	476	207,488
Elgin .....	521	264,668	508	21,173	240	108,000	450	10,800
Essex .....	483	199,479	413	15,959	63	25,200	400	2,520
Frontenac .....	246	80,934	329	6,475	480	166,560	347	16,656
Glengarry .....	141	67,116	476	5,369	520	301,600	580	30,160
Grenville .....	133	85,120	640	6,810	250	147,000	588	14,700
Grey .....	2,390	1,104,180	462	88,334	5,013	2,356,110	470	235,611
Haldimand .....	285	125,970	442	10,078	130	41,860	322	4,186
Haliburton .....	24	7,992	333	639	244	82,228	337	8,223
Halton .....	1,396	805,492	577	64,439	952	518,840	545	51,884
Hastings .....	281	103,127	367	8,250	1,512	535,248	354	53,525
Huron .....	4,545	2,408,850	530	192,708	4,086	2,100,204	514	210,020
Kent .....	719	327,145	455	26,172	64	24,256	379	2,426
Lambton .....	850	447,950	527	35,836	196	93,100	475	9,310
Lanark .....	283	144,896	512	11,592	1,057	573,951	543	57,395
Leeds .....	276	96,600	350	7,728	627	312,246	498	31,225
Lennox & Addington .....	126	40,824	324	3,266	164	57,400	350	5,740
Lincoln .....	265	122,960	464	9,837	114	52,212	458	5,221
Manitoulin .....	43	19,350	450	1,548	231	111,804	484	11,180
Middlesex .....	1,464	755,424	516	60,434	1,355	643,625	475	64,363
Muskoka .....	39	11,310	290	905	565	236,170	418	23,617
Nipissing .....	12	4,404	367	352	394	153,266	389	15,327
Norfolk .....	423	179,775	425	14,382	849	332,808	392	33,281
Northumberland .....	808	315,928	391	25,274	3,993	1,736,955	435	173,696
Ontario .....	3,192	1,391,712	436	111,337	9,172	4,292,496	468	429,249
Oxford .....	2,040	1,168,920	573	93,514	4,892	2,817,792	576	281,779
Parry Sound .....	54	23,382	433	1,871	907	409,057	451	40,906
Peel .....	1,253	631,512	504	50,521	1,381	621,450	450	62,145
Perth .....	3,870	2,337,480	604	186,998	3,407	1,877,257	551	187,726
Peterborough .....	869	399,740	460	31,979	2,415	1,221,990	506	122,199
Prescott .....	70	28,630	409	2,290	395	141,805	359	14,180
Prince Edward .....	70	25,900	370	2,072	53	19,822	374	1,982
Rainy R'r & Kenora .....	29	10,498	362	840	171	69,084	404	6,908
Renfrew .....	188	56,776	302	4,542	846	325,710	385	32,571
Russell .....	61	22,875	375	1,830	505	221,190	438	22,119
Simcoe .....	2,770	1,365,610	493	109,249	6,888	3,478,440	505	347,844
Stormont .....	102	45,288	444	3,623	150	67,050	447	6,705
Sudbury .....	48	19,200	400	1,536	418	177,650	425	17,765
Thunder Bay .....	26	7,800	300	624	390	151,330	388	15,133
Timiskaming .....	4	1,600	400	128	192	59,904	312	5,990
Victoria .....	942	386,220	410	30,898	4,123	1,706,922	414	170,692
Waterloo .....	3,031	1,712,515	565	137,001	5,545	2,098,640	592	209,864
Welland .....	139	54,905	395	4,392	40	12,480	312	1,248
Wellington .....	3,465	1,857,240	536	148,579	9,649	5,374,493	557	537,449
Wentworth .....	1,444	760,988	527	60,879	2,111	1,135,718	538	113,572
York .....	4,200	2,142,000	510	171,360	4,575	2,077,050	454	207,705
The Province:								
1914 .....	50,663	25,439,520	502	2,035,162	95,371	46,336,708	486	4,633,671
1913 .....	54,568	21,935,847	402	1,754,868	97,572	41,889,894	429	4,188,989
1912 .....	60,103	27,671,114	460	2,213,689	101,529	49,561,566	488	4,956,157
Averages (10 years)								
1902-1911 .....	70,809	33,245,680	470	2,659,654	123,855	54,987,697	444	5,498,770
1892-1901 .....	39,984	17,864,726	447	1,429,178	147,080	63,424,431	431	6,342,443
1882-1891 .....	19,546	8,538,096	437	683,048	104,943	42,981,280	410	4,298,128
Average (33 years 1882-1914) .....	44,507	20,349,439	457	1,627,955	122,826	53,082,492	432	5,308,249



## SUGAR BEETS—MIXED GRAINS.

TABLE XIV.—Showing by County Municipalities of Ontario the area, produce and market value of Sugar Beets and Mixed Grains for the year 1914, together with the comparative totals for the Province for the past eight years, and the annual average for 1907-1914.

Counties and Districts.	Sugar Beets.				Mixed Grains.			
	Acres.	Bushels.	Per acre.	Market value.	Acres.	Bushels.	Per acre.	Market value.
				\$				\$
Algoma.....	21	8,673	413	1,084	445	17,667	39.7	12,367
Brant.....	236	117,056	496	14,633	5,639	205,260	36.4	115,151
Bruce.....	211	52,750	250	6,593	17,928	731,462	40.8	419,128
Carleton.....	225	68,400	304	8,550	10,035	390,362	38.9	218,212
Dufferin.....	268	120,600	450	15,075	10,711	386,667	36.1	231,614
Dundas.....	77	23,100	300	2,887	9,689	426,316	44.0	230,211
Durham.....	79	39,500	500	4,937	22,500	697,500	31.0	441,518
Elgin.....	184	78,200	425	9,775	8,822	306,123	34.7	178,776
Essex.....	340	136,000	400	17,000	4,943	185,363	37.5	101,950
Frontenac.....	113	36,725	325	4,590	4,805	140,787	29.3	91,230
Glengarry.....	81	26,325	325	3,290	3,918	138,305	35.3	84,366
Grenville.....	73	41,975	575	5,247	4,951	188,138	38.0	114,764
Grey.....	535	205,975	385	25,747	20,280	748,332	36.9	448,999
Haldimand.....	109	45,780	420	5,722	5,586	187,690	33.6	110,362
Haliburton.....	9	3,600	400	450	497	12,723	25.6	7,850
Halton.....	176	79,200	450	9,900	6,805	259,951	38.2	154,441
Hastings.....	125	44,250	354	5,531	6,851	175,386	25.6	113,650
Huron.....	286	131,560	460	16,445	20,176	865,550	42.9	479,515
Kent.....	6,494	2,513,178	387	314,147	6,278	237,308	37.8	132,655
Lambton.....	2,459	1,116,386	454	139,548	7,196	277,766	38.6	160,827
Lanark.....	182	91,000	500	11,375	8,366	302,013	36.1	191,174
Leeds.....	173	52,765	305	6,595	5,445	195,476	35.9	124,909
Lennox and Add..	101	28,078	278	3,510	8,779	230,010	26.2	158,247
Lincoln.....	267	110,538	414	13,817	1,943	64,508	33.2	41,543
Manitoulin.....	50	22,000	440	2,750	1,337	59,095	44.2	39,298
Middlesex.....	432	178,848	414	22,356	11,489	454,964	39.6	262,514
Muskoka.....	32	9,056	283	1,132	702	23,447	33.4	14,514
Nipissing.....	14	3,150	225	394	1,051	31,530	30.0	19,864
Norfolk.....	238	57,596	242	7,200	5,046	159,958	31.7	99,654
Northumberland..	106	33,390	315	4,174	11,553	333,882	28.9	217,023
Ontario.....	120	27,000	225	3,375	21,664	749,574	34.6	471,482
Oxford.....	561	276,012	492	34,502	20,010	868,434	43.4	521,060
Parry Sound.....	29	11,600	400	1,450	1,078	40,102	37.2	27,751
Peel.....	270	112,860	418	14,108	8,023	306,479	38.2	190,017
Perth.....	393	185,889	473	23,236	17,125	703,838	41.1	377,961
Peterborough.....	53	20,882	394	2,610	4,896	146,880	30.0	99,291
Prescott.....	47	19,035	405	2,379	1,803	57,516	31.9	38,823
Prince Edward..	44	12,672	288	1,584	3,780	114,534	30.3	75,936
Rainy R. & Kenora	21	6,573	313	822	254	8,890	35.0	6,561
Renfrew.....	73	21,681	297	2,710	3,800	99,180	26.1	64,963
Russell.....	30	10,500	350	1,313	3,009	116,147	38.6	68,062
Simcoe.....	863	346,063	401	43,258	23,309	808,822	34.7	507,940
Stormont.....	85	27,285	321	3,411	2,985	111,639	37.4	69,998
Sudbury.....	20	8,000	400	1,000	836	28,842	34.5	19,613
Thunder Bay....	22	6,600	300	825	346	13,840	40.0	8,996
Timiskaming.....	10	3,000	300	375	432	17,280	40.0	11,232
Victoria.....	53	22,101	417	2,763	10,076	290,189	28.8	189,493
Waterloo.....	1,226	485,496	396	60,687	25,448	1,076,450	42.3	604,965
Welland.....	59	18,349	311	2,294	2,050	63,140	30.8	39,778
Wellington.....	339	138,312	408	17,289	43,748	1,732,421	39.6	997,874
Wentworth.....	155	79,050	510	9,881	6,672	246,864	37.0	145,897
York.....	365	152,205	417	19,026	21,521	819,950	38.1	520,668
The Province:								
1914.....	18,534	7,466,819	403	933,352	456,631	16,854,550	36.9	10,074,687
1913.....	19,083	6,389,177	335	798,647	414,517	15,113,480	36.5	7,953,111
1912.....	21,054	7,819,066	371	977,383	448,402	16,382,161	36.5	8,674,724
1911.....	24,664	8,941,659	363	1,117,707	486,112	14,845,595	30.5	9,104,141
1910.....	26,879	11,238,577	418	1,348,629	497,936	18,261,803	36.7	9,187,822
1909.....	19,812	7,001,565	353	840,188	474,530	16,199,434	34.1	8,825,196
1908.....	17,453	7,004,748	401	840,570	456,049	15,354,350	33.7	8,444,893
1907.....	16,851	8,237,044	489	988,445	443,100	14,202,511	32.1	7,811,381
Average (8 years) 1907-1914....	20,541	8,012,332	390	980,615	459,660	15,901,736	34.6	8,759,494

## HAY AND CLOVER—ALL FIELD CROPS.

TABLE XV.—Showing by County Municipalities of Ontario the area, produce, and market value of Hay and Clover, and all field crops enumerated in Tables VII and XV for the year 1914, together with the comparative totals for the Province for 1912 and 1913, and the annual averages for various periods.

Counties and Districts.	Hay and Clover.				All Field Crops.		
	Acres.	Tons.	Per acre.	Market value.	Acres.	Value.	Per acre.
				\$		\$	\$ c.
Algoma.....	20,905	21,059	1.01	307,251	37,009	796,250	21 52
Brant.....	39,589	62,238	1.57	787,311	130,812	2,878,081	22 00
Bruce.....	138,494	126,194	.91	1,822,241	364,499	6,713,116	18 42
Carleton.....	97,127	112,979	1.16	1,893,528	241,198	5,539,027	22 96
Dufferin.....	64,587	54,260	.84	718,945	190,084	3,480,302	18 31
Dundas.....	52,889	48,928	.93	834,712	117,086	2,567,546	21 93
Durham.....	54,791	39,612	.73	759,362	212,331	3,845,265	18 11
Elgin.....	75,564	112,875	1.49	1,289,033	224,676	5,199,738	23 14
Essex.....	63,764	84,965	1.33	1,016,181	257,565	6,126,982	23 79
Frontenac.....	86,442	91,120	1.05	1,431,495	155,396	2,859,424	18 40
Glengarry.....	63,628	60,275	.95	935,468	130,593	2,513,582	19 25
Grenville.....	48,955	54,152	1.11	813,904	110,557	2,284,597	20 66
Grey.....	162,688	153,233	.94	2,411,887	439,061	8,080,481	18 40
Haldimand.....	79,247	109,607	1.38	1,250,616	171,231	3,136,078	18 31
Haliburton.....	12,948	13,495	1.04	241,561	26,358	518,725	19 68
Halton.....	41,570	52,924	1.27	817,676	117,218	2,535,870	21 63
Hastings.....	105,180	107,439	1.02	1,750,181	272,199	5,036,419	18 50
Huron.....	1 1,723	174,763	1.23	2,121,623	414,273	8,587,970	20 73
Kent.....	77,274	121,645	1.57	1,334,446	330,596	8,187,148	24 76
Lambton.....	111,856	148,443	1.33	1,828,818	298,891	6,524,561	21 83
Lanark.....	74,073	95,768	1.29	1,524,627	169,607	3,709,578	21 87
Leeds.....	73,408	96,860	1.32	1,489,707	151,446	3,347,324	22 10
Lennox & Addington..	79,159	77,041	.97	1,161,778	155,727	2,666,432	17 12
Lincoln.....	47,803	75,869	1.59	1,018,921	99,796	2,337,214	23 42
Manitoulin.....	18,651	25,304	1.36	285,682	35,169	689,997	19 62
Middlesex.....	123,569	167,161	1.35	2,184,794	350,166	7,921,999	22 62
Muskoka.....	26,949	21,878	.81	339,547	47,569	846,811	27 80
Nipissing.....	19,509	11,328	.58	213,873	36,047	652,073	18 09
Norfolk.....	58,969	79,865	1.35	938,414	191,858	3,831,269	19 97
Northumberland.....	69,240	68,673	.99	1,181,862	223,329	4,407,505	19 74
Ontario.....	70,142	59,203	.84	1,058,550	275,025	5,802,719	21 10
Oxford.....	81,275	135,752	1.67	1,755,273	271,887	6,718,036	24 71
Parry Sound.....	32,897	26,067	.79	481,457	61,205	1,123,873	18 36
Peel.....	56,109	56,812	1.01	891,380	183,549	3,869,405	21 08
Perth.....	96,923	131,311	1.35	1,699,164	308,059	6,648,294	21 58
Peterborough.....	48,033	35,751	.74	539,483	162,238	2,772,693	17 09
Prescott.....	74,752	53,464	.72	843,127	147,344	2,294,392	15 57
Prince Edward.....	45,370	55,742	1.23	793,766	124,145	2,332,935	18 79
Rainy River & Kenora..	17,273	23,824	1.38	354,025	27,927	689,809	24 70
Renfrew.....	94,559	95,344	1.01	1,594,152	235,033	4,320,521	18 38
Russell.....	50,547	52,126	1.03	817,336	104,086	2,026,145	19 47
Simcoe.....	109,162	108,753	1.00	1,923,841	489,864	10,116,491	20 65
Stormont.....	46,552	49,627	1.07	840,185	96,875	2,058,350	21 25
Sudbury.....	19,297	17,412	.90	333,092	35,618	799,425	22 44
Thunder Bay.....	9,236	13,940	1.51	265,836	19,457	698,408	35 89
Timiskaming.....	8,598	6,103	.71	129,201	16,959	372,244	21 95
Victoria.....	53,331	27,685	.52	505,528	189,918	3,188,434	16 79
Waterloo.....	53,752	58,983	1.10	934,291	202,130	4,426,523	21 90
Welland.....	59,405	86,058	1.45	1,070,562	125,952	2,733,885	21 71
Wellington.....	117,462	106,967	.91	1,686,870	359,201	7,271,993	20 24
Wentworth.....	53,263	84,710	1.59	1,185,940	146,675	3,410,992	23 26
York.....	86,991	86,967	1.00	1,508,877	335,950	7,656,014	22 79
The Province:							
1914.....	3,415,484	3,842,554	1.13	55,917,380	9,621,444	199,152,945	20 70
1913.....	3,428,846	3,924,563	1.14	51,802,565	9,541,537	168,455,253	17 65
1912.....	3,367,369	5,220,713	1.55	61,449,429	9,574,474	185,790,341	19 40
Averages (10 years)							
1902-1911.....	3,072,288	4,722,662	1.54	47,093,908	9,233,879	156,824,689	16 98
1892-1901.....	2,520,783	3,650,840	1.45	29,085,813	8,494,796	106,139,762	12 49
1882-1891.....	2,290,495	3,102,733	1.35	32,086,445	7,517,606	116,195,708	15 48
Average (33 years)							
1882-1914.....	2,698,405	3,871,217	1.43	37,919,123	8,521,220	131,666,671	15 45



SUMMER FALLOW, PASTURE, ORCHARD, SMALL FRUITS, VINEYARD  
AND GARDEN.

TABLE XVI.—Showing by County Municipalities of Ontario the area of Summer Fallow, Pasture Orchard, Small Fruits, Vineyard and Garden for the year 1914.

Counties and Districts.	Summer fallow.	Pasture.	Orchard	Small Fruits.	Vine- yard.	Garden.
	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.
Algoma .....	320	7,001	328	98	7	436
Brant.....	5,016	25,801	4,431	440	13	818
Bruce.....	15,811	142,010	8,752	352	57	1,473
Carleton.....	1,512	94,011	2,306	205	21	1,374
Dufferin .....	5,799	51,504	2,421	78	17	613
Dundas .....	752	43,016	2,694	106	8	711
Durham.....	5,506	57,315	11,652	422	51	1,015
Elgin .....	5,775	90,448	9,455	823	42	1,816
Essex.....	2,646	45,699	8,124	1,251	275	2,870
Frontenac .....	1,416	91,943	2,697	115	20	1,201
Glengarry.....	1,313	46,515	1,828	101	17	548
Grenville .....	755	60,784	1,972	148	4	733
Grey.....	11,088	167,173	12,673	248	127	1,728
Halldimand .....	11,503	36,701	5,342	346	79	982
Haliburton.....	346	13,929	226	6	12	235
Halton .....	6,253	27,660	7,811	1,474	184	724
Hastings .....	4,386	118,901	9,805	544	74	1,996
Huron.....	10,370	182,871	13,114	423	46	1,540
Kent.....	4,802	90,114	9,821	980	134	2,145
Lambton.....	4,306	146,063	13,882	720	51	1,828
Lanark .....	1,698	112,047	1,863	106	10	799
Leeds .....	698	96,196	2,556	132	17	1,008
Lennox and Addington.....	4,175	67,196	5,110	404	25	1,124
Lincoln .....	5,295	19,352	16,347	2,620	5,071	1,436
Manitoulin.....	329	8,649	360	13	6	189
Middlesex.....	9,335	239,138	13,527	863	60	2,556
Muskoka .....	506	14,514	342	68	2	650
Nipissing .....	533	10,773	39	26	.....	399
Norfolk .....	8,630	41,661	9,855	1,797	29	1,786
Northumberland .....	4,993	70,908	20,028	679	30	1,421
Ontario .....	4,034	69,945	8,179	313	34	1,381
Oxford .....	4,733	84,010	8,920	508	48	1,688
Parry Sound .....	902	19,443	242	36	6	588
Peel .....	8,620	52,888	5,691	899	168	858
Perth.....	12,189	102,338	6,173	327	49	1,096
Peterborough .....	5,096	65,839	2,772	177	13	1,121
Prescott.....	234	53,649	1,252	143	35	986
Prince Edward.....	2,046	40,168	11,452	640	25	907
Rainy River and Kenora .....	437	4,903	15	10	3	331
Renfrew .....	4,120	93,863	1,307	142	20	1,537
Russell .....	347	30,732	500	109	10	600
Simcoe .....	38,339	103,107	9,649	715	54	2,235
Stormont .....	306	44,512	1,715	69	10	532
Sudbury.....	1,308	5,846	17	30	.....	284
Thunder Bay .....	481	3,270	13	38	.....	254
Timiskaming .....	304	4,848	20	3	.....	200
Victoria .....	3,661	64,478	3,139	107	16	930
Waterloo .....	6,269	31,477	4,478	301	35	753
Welland.....	9,149	27,766	7,352	1,076	926	1,268
Wellington .....	9,340	92,025	6,013	299	79	1,265
Wentworth.....	6,900	30,577	11,020	1,782	2,790	1,448
York.....	14,032	56,926	9,347	551	40	1,751
The Province:						
1914 .....	268,714	3,302,503	298,627	23,863	10,850	58,167
1913 .....	268,487	3,120,146	306,764	24,360	11,136	55,029
1912 .....	278,317	3,082,671	310,096	24,699	11,634	56,716
1911 .....	279,220	3,116,768	303,188	25,360	11,586	53,748
1910 .....	254,038	3,159,712	298,347	24,834	11,390	57,982
1909 .....	231,707	3,180,780	300,364	24,614	11,420	57,123

## RATIOS OF AREAS UNDER CROP.

TABLE XVII.—Showing by County Municipalities of Ontario the number of acres under the various crops in 1914 per 1,000 acres of cleared land; together with the comparative average for the Province for 1912 and 1913, and the annual averages for various periods.

Counties and Districts.	Fall Wheat.	Spring Wheat.	Barley.	Oats.	Peas.	Beans.	Rye.	Buck-wheat.	Corn.	Potatoes.	*Other roots.	Hay and Clover.	Mixed Grains.
Algoma .....	5.1	13.9	29.8	204.6	24.0	.2	7.5	1.3	4.8	26.9	9.6	437.3	9.3
Brant .....	129.3	0.2	45.5	153.3	10.5	5.2	21.1	13.7	60.7	14.9	23.4	221.0	31.5
Bruce .....	47.5	5.9	36.5	189.9	27.7	.5	1.1	7.0	19.7	7.6	11.9	236.5	30.6
Carleton .....	.8	18.1	20.1	233.5	2.9	.8	3.4	13.6	46.6	15.1	7.8	262.9	27.1
Dufferin .....	10.6	10.6	53.4	248.4	15.5	.1	21.2	24.6	7.2	13.8	12.8	235.3	39.0
Dundas .....	.6	4.8	22.2	180.6	1.8	1.0	4.2	9.8	69.6	9.9	1.9	297.4	54.5
Durham .....	27.7	15.0	45.4	177.4	43.9	1.6	44.6	20.5	34.3	12.3	20.2	179.7	73.8
Elgin .....	71.5	0.2	21.6	146.2	2.8	16.2	7.3	8.5	101.8	9.5	2.7	209.1	24.4
Essex .....	50.1	0.5	28.8	197.6	.8	2.2	1.8	3.0	239.6	9.2	2.6	181.0	14.0
Frontenac .....	2.2	6.4	16.4	151.8	1.1	.8	8.2	10.0	31.0	12.4	3.3	328.3	18.2
Glengarry .....	.6	17.8	29.3	212.4	4.7	.9	.1	9.0	37.5	10.9	4.3	330.4	20.3
Grenville .....	.2	3.6	10.3	199.4	.6	.7	4.3	21.7	43.9	15.3	2.6	261.5	26.4
Grey .....	27.3	7.8	41.1	220.6	16.5	.1	1.9	9.2	23.4	8.2	11.5	233.6	29.1
Haldimand .....	113.5	2.5	34.0	150.0	10.2	1.5	.9	9.4	30.7	5.8	2.2	330.9	23.3
Haliburton .....	0.6	3.2	12.2	206.3	6.4	0.3	7.7	15.6	11.4	14.0	6.7	285.3	11.0
Halton .....	90.4	3.4	43.9	176.2	11.0	.6	3.1	5.1	38.2	9.6	14.6	239.2	39.2
Hastings .....	21.2	3.9	35.3	191.2	6.4	1.0	21.4	20.0	45.9	13.5	4.5	239.3	15.6
Huron .....	46.6	2.3	45.3	205.5	11.2	11.9	.4	7.8	28.7	6.9	13.5	213.5	30.4
Kent .....	118.1	.2	34.3	135.6	3.9	49.4	2.4	1.7	156.5	9.6	15.7	165.0	13.4
Lambton .....	62.3	.5	36.4	163.9	2.6	1.9	.2	.3	78.6	7.6	7.2	224.8	14.4
Lanark .....	3.2	15.8	21.0	143.1	3.8	.5	8.4	19.2	35.9	7.4	4.7	223.5	25.2
Leeds .....	4.5	4.0	16.3	160.2	1.7	.7	5.6	13.1	47.0	11.4	4.2	271.7	20.1
Lennox & Add. ....	17.9	5.9	26.3	145.9	4.0	.6	11.8	16.5	25.1	12.6	1.6	313.3	34.7
Lincoln .....	92.2	1.8	12.3	114.7	7.3	2.3	2.3	2.4	54.2	14.7	4.6	294.9	12.0
Manitoulin .....	6.2	25.4	35.5	163.9	42.0	.4	8.1	.9	12.1	12.9	6.9	386.2	27.7
Middlesex .....	67.3	0.1	27.8	152.1	3.1	2.0	1.5	1.4	54.5	11.6	5.0	187.5	17.4
Muskoka .....	.4	7.3	10.2	216.2	13.1	.3	1.4	1.6	11.5	18.5	9.8	392.7	10.2
Nipissing .....	1.1	15.9	18.3	218.4	18.8	.3	1.1	2.2	5.6	22.5	9.5	395.2	21.3
Norfolk .....	107.6	.3	18.3	130.1	12.9	4.5	39.7	37.0	87.2	14.9	5.6	211.2	18.1
Northumberland .....	39.0	9.0	28.4	170.3	18.3	1.6	42.4	30.8	37.6	12.1	14.0	196.0	32.7
Ontario .....	32.7	14.7	63.5	223.7	24.9	1.1	15.6	18.7	41.3	13.4	33.0	184.8	57.1
Oxford .....	67.8	.1	31.5	195.2	2.9	.4	6.9	7.6	87.6	7.9	18.8	203.3	50.0
Parry Sound .....	1.2	10.2	15.0	227.5	23.9	.2	3.8	2.5	4.7	17.5	12.2	385.0	12.6
Peel .....	48.5	9.3	103.6	212.6	14.9	.1	8.1	8.6	27.0	13.8	11.5	215.2	30.8
Perth .....	65.5	1.2	56.9	230.2	11.5	.2	.4	2.5	37.1	7.1	17.0	214.6	37.9
Peterborough .....	38.9	9.6	39.0	199.6	43.3	.4	19.2	19.4	27.5	8.8	12.9	184.0	18.8
Prescott .....	0.9	12.8	22.1	236.4	3.7	1.0	0.9	7.9	37.4	12.3	2.6	357.0	8.6
Prince Edward .....	27.2	3.2	40.4	142.4	21.2	2.9	38.8	29.6	63.7	9.6	1.0	229.9	19.1
Rainy R'r & Kenora ..	7.1	23.8	53.9	180.1	3.2	.2	1.1	.5	1.8	19.4	6.9	495.0	7.3
Renfrew .....	6.2	82.2	13.2	179.2	28.6	.6	26.2	5.5	17.5	10.8	3.2	258.2	10.4
Russell .....	2.3	15.8	29.0	234.7	5.3	1.0	0.3	9.2	34.2	13.0	4.7	349.5	20.8
Simcoe .....	102.0	7.4	93.6	215.6	14.2	0.5	19.8	22.1	25.1	13.7	15.8	161.9	34.6
Stormont .....	.6	4.3	21.7	190.7	0.3	0.8	0.5	16.8	51.0	11.2	2.4	295.3	18.9
Sudbury .....	1.8	18.5	26.1	198.1	24.6	.1	3.5	3.6	2.3	25.6	10.4	392.1	17.0
Thunder Bay .....	1.2	15.5	30.6	180.4	10.3	...	4.5	2.5	0.6	55.0	15.2	295.5	11.1
Timiskaming .....	4.1	17.7	34.4	206.4	33.7	0.3	0.3	2.1	0.2	36.6	9.9	374.9	18.8
Victoria .....	25.4	15.4	70.7	226.7	21.2	0.2	4.7	23.6	26.3	8.3	17.8	185.6	35.1
Waterloo .....	104.3	1.1	38.5	227.6	8.6	.0	9.3	7.7	45.8	12.4	31.0	212.6	100.7
Welland .....	98.8	.3	10.7	138.0	2.5	10.6	2.3	11.2	55.1	16.7	1.4	320.2	11.0
Wellington .....	23.2	4.1	42.7	231.0	18.1	.1	3.0	16.9	17.5	10.4	26.8	233.7	87.0
Wentworth .....	93.7	2.4	39.1	175.6	3.0	.7	7.2	9.4	37.2	20.8	17.5	249.6	31.2
York .....	60.5	13.0	94.9	230.5	18.0	.3	7.1	17.2	38.9	18.7	21.0	199.0	49.2
The Province:													
1914 .....	47.0	8.1	39.7	190.2	12.2	3.5	9.5	12.1	48.6	11.5	11.5	234.0	31.3
1913 .....	44.5	8.0	43.0	186.0	12.2	4.6	8.2	15.7	47.4	11.0	12.0	236.2	28.5
1912 .....	52.6	8.5	44.8	180.1	15.3	4.8	7.4	14.3	47.0	11.0	12.8	233.1	31.0
Average (10 yrs) .....	51.3	13.0	50.7	192.8	27.7	3.6	8.0	9.4	40.1	10.9	15.8	219.0	33.1
1902-1911 .....	73.2	28.0	39.2	180.2	60.5	4.1	10.1	10.3	35.5	12.9	15.6	198.2	.....
1892-1901 .....	81.6	50.9	67.2	150.4	60.5	2.4	9.4	6.2	17.7	14.0	12.2	207.1	.....
1882-1891 .....													
Average (33 yrs) .....	65.5	27.0	50.7	177.1	44.7	3.5	9.0	9.3	33.6	12.4	15.4	211.2	32.0
1882-1914 .....													

\* Including Sugar Beets. † Average for 5 years. ‡ Average for 8 years.



## MARKET PRICES.

TABLE XVIII.—The following table shows by counties the average prices of agricultural products for 1914, together with the average price for 1912 and 1913, and the annual averages for various periods.

Counties and Districts.	Fall Wheat, per bush.	Spring Wheat, per bush.	Barley, per bush.	Oats, per bush.	Peas, per bush.	Beans, per bush.	Rye, per bush.	Buckwheat, per bush.	Corn (in ear) per bush.	Hay, per ton.	Potatoes, per bush.
	cts.	cts.	cts.	cts.	cts.	\$ c.	cts.	cts.	cts.	\$ c.	cts.
Algoma.....	105.5	108.2	70.0	52.2	129.0	2 30	81.0	79.0	50.0	14 59	47.0
Brant.....	107.9	100.0	65.4	48.0	116.7	2 07	84.0	69.5	48.3	12 65	43.4
Bruce.....	107.6	98.1	61.1	45.7	137.1	2 26	72.5	70.0	50.4	14 44	42.3
Carleton.....	110.6	110.6	66.7	50.0	137.5	2 27	80.8	70.8	56.7	16 76	48.5
Dufferin.....	112.0	106.0	61.0	48.0	136.0	2 00	84.3	70.9	51.7	13 25	32.9
Dundas.....	111.2	106.0	72.9	54.3	103.5	2 19	86.3	68.3	48.1	17 06	51.5
Durham.....	113.9	111.8	66.5	51.5	147.8	2 34	85.3	70.0	52.2	19 17	43.1
Elgin.....	108.9	98.0	64.6	49.8	111.1	2 09	83.4	69.7	50.4	11 42	47.5
Essex.....	108.2	95.0	61.5	45.2	100.0	2 11	83.3	64.4	41.5	11 96	53.3
Frontenac.....	109.4	108.9	71.4	53.4	113.5	2 35	83.8	71.1	56.0	15 71	51.2
Glengarry.....	110.0	107.0	68.8	50.5	128.3	2 13	77.5	71.6	54.2	15 52	46.8
Grenville.....	108.3	107.7	72.3	51.1	108.6	2 29	84.4	72.9	45.0	15 03	42.7
Grey.....	110.1	110.1	62.4	47.3	142.2	2 00	80.1	66.7	53.3	15 74	38.2
Haldimand.....	108.9	93.6	64.2	48.3	104.7	2 19	79.4	69.9	53.8	11 41	53.1
Haliburton.....	100.0	103.8	68.0	51.8	114.3	2 50	80.0	66.1	53.3	17 90	49.3
Halton.....	111.4	109.2	66.3	49.6	143.9	2 25	81.4	72.5	50.0	15 45	43.0
Hastings.....	108.4	107.6	70.9	56.8	134.6	2 16	83.2	74.2	51.6	16 29	42.0
Huron.....	110.7	104.1	62.1	47.3	142.1	2 10	78.0	68.8	52.8	12 14	39.7
Kent.....	106.7	95.0	60.0	47.5	115.0	2 07	84.7	69.3	42.3	10 97	52.8
Lambton.....	107.1	100.0	61.6	48.1	114.4	2 02	72.1	76.7	46.7	12 32	48.0
Lanark.....	111.0	114.6	69.0	50.0	135.9	2 17	84.1	72.1	54.2	15 92	43.1
Leeds.....	111.0	109.8	71.5	55.7	127.9	2 18	84.7	70.8	49.7	15 38	48.3
Lennox and Add.....	109.6	110.9	70.7	54.8	126.1	2 35	87.6	73.3	55.5	15 08	43.7
Lincoln.....	109.8	107.0	67.3	52.6	120.4	2 40	81.7	75.2	53.0	13 43	50.7
Manitoulin.....	108.3	106.9	63.9	48.3	118.1	2 10	74.0	65.0	50.0	11 29	37.7
Middlesex.....	108.4	105.0	63.7	49.4	121.4	2 15	81.3	78.4	49.7	13 07	40.2
Muskoka.....	110.0	102.9	70.5	55.3	129.4	2 50	84.0	80.0	56.7	15 52	46.4
Nipissing.....	112.0	108.8	74.1	51.6	148.7	2 13	85.0	78.3	50.0	18 88	46.3
Norfolk.....	108.6	92.0	67.2	50.6	111.7	2 09	88.3	71.5	49.1	11 75	46.0
Northumberland.....	111.6	110.4	68.9	55.2	154.0	2 36	93.2	73.8	50.4	17 21	40.0
Ontario.....	111.3	109.2	64.4	50.1	148.1	2 28	87.3	73.2	52.6	17 88	39.9
Oxford.....	106.8	102.6	64.5	46.5	115.7	2 35	80.0	71.4	52.9	12 93	48.5
Parry Sound.....	110.0	108.9	72.4	53.1	128.8	2 35	82.0	73.1	50.0	18 47	42.6
Peel.....	110.1	107.0	66.2	49.2	140.6	2 33	85.5	71.1	54.7	15 69	40.5
Perth.....	107.1	98.0	59.0	46.4	124.5	2 22	80.0	72.0	48.7	12 94	40.0
Peterborough.....	111.2	108.2	68.5	50.9	155.0	2 36	83.1	72.1	56.0	15 09	42.4
Prescott.....	110.0	109.1	69.8	48.3	140.0	2 34	85.0	72.1	56.7	15 77	43.1
Prince Edward.....	106.6	104.6	65.5	50.0	123.3	2 26	81.9	72.7	52.8	14 24	47.4
Rainy R. & Kenora.....	106.0	107.5	74.0	61.1	133.6	2 09	80.0	70.0	55.0	14 86	68.8
Renfrew.....	106.7	108.1	62.9	48.0	134.1	2 33	82.9	63.6	50.0	16 72	45.4
Russell.....	111.7	112.5	68.7	48.0	138.0	2 07	80.0	72.0	54.2	15 68	42.4
Simcoe.....	110.1	105.7	62.1	49.4	149.4	2 08	83.2	71.8	55.0	17 99	36.0
Stormont.....	108.8	104.1	69.6	51.0	110.4	2 15	81.0	71.2	52.4	16 93	50.8
Sudbury.....	110.0	115.0	76.6	58.6	150.7	2 50	80.0	75.0	50.0	19 13	49.6
Thunder Bay.....	105.0	105.0	62.8	52.1	175.0	.....	70.0	70.0	.....	19 07	66.7
Timiskaming.....	113.3	113.3	77.5	61.2	142.0	2 00	80.0	75.0	.....	21 17	64.0
Victoria.....	113.5	109.1	64.2	49.8	139.8	2 50	85.0	70.5	50.0	18 26	42.0
Waterloo.....	108.2	98.3	64.8	49.7	109.1	2 31	81.4	70.4	52.5	15 84	43.3
Welland.....	111.4	100.0	66.0	53.4	125.4	3 02	83.9	72.3	53.0	12 44	56.7
Wellington.....	109.8	99.0	64.4	48.3	130.9	2 20	84.2	72.2	53.6	15 77	38.2
Wentworth.....	110.5	95.0	65.9	52.6	118.9	2 28	81.3	75.4	50.2	14 00	44.9
York.....	111.8	105.3	66.4	51.0	140.8	2 39	84.4	72.8	56.5	17 35	42.9
The Province:											
1914.....	109.1	107.9	64.3	49.5	136.6	2 14	84.9	71.5	45.7	14 55	44.0
1913.....	85.0	87.9	55.5	36.9	100.6	1 70	66.2	63.5	43.0	13 07	63.7
1912.....	91.7	90.0	58.7	38.6	110.3	1 93	70.0	54.5	37.2	11 77	63.7
Averages (10 years)											
1902-1911.....	83.6	81.2	50.1	36.7	74.8	1 48	60.2	52.4	38.2	9 97	51.4
1892-1901.....	67.8	67.5	38.5	27.9	53.5	.....	93	38.7	25.0	7 97	33.6
1882-1891.....	90.0	89.6	54.5	34.3	61.6	1 16	60.0	41.5	.....	10 34	45.0
Average (33 years)											
1882-1914.....	81.4	81.7	49.8	34.5	62.3	1 28	56.4	48.0	*33.2	9 80	44.6

\* Average for 23 years, 1892-1914.

## HORSES AND

TABLE XIX.—Showing by County Municipalities the number and value of Horses and Cattle June 30th, 1914, together with the totals

Counties and Districts.	Horses all ages.				Cattle.	
	Number on hand.	Value.	Horses sold.		Milch cows on Hand.	
			Number.	Value.	Number.	Value.
		\$		\$		\$
Algoma .....	2,952	478,224	257	38,293	3,911	240,135
Brant .....	10,249	1,496,354	736	117,760	12,232	742,115
Bruce .....	30,081	4,301,583	3,827	635,282	27,657	1,632,593
Carleton .....	17,911	2,919,493	1,617	281,358	34,357	1,789,656
Dufferin .....	13,707	1,932,687	1,552	223,488	12,744	740,681
Dundas .....	9,805	1,313,870	998	133,732	25,178	1,331,916
Durham .....	15,775	2,318,925	1,559	232,291	15,405	894,722
Elgin .....	20,873	2,984,839	2,310	353,430	27,720	1,795,979
Essex .....	24,552	3,461,832	2,351	340,895	16,804	977,153
Frontenac .....	11,227	1,571,780	1,080	154,440	25,445	1,304,820
Glengarry .....	10,080	1,471,680	894	136,782	24,855	1,251,449
Grenville .....	7,885	1,056,590	391	92,594	18,511	925,550
Grey .....	34,243	4,862,506	3,601	547,352	34,642	1,965,934
Haldimand .....	13,748	1,965,964	1,505	224,245	13,714	834,360
Haliburton .....	1,822	258,724	299	39,169	2,654	124,552
Halton .....	9,080	1,380,160	868	146,692	11,170	695,221
Hastings .....	19,797	2,731,986	1,076	290,640	38,945	1,919,599
Huron .....	35,228	5,284,200	5,437	924,290	30,151	1,888,659
Kent .....	29,778	4,258,254	2,770	423,810	20,764	1,277,401
Lambton .....	28,022	4,035,168	2,504	380,608	27,788	1,763,704
Lanark .....	12,236	1,761,984	1,114	162,644	23,229	1,191,648
Leeds .....	11,310	1,504,230	848	119,568	32,957	1,677,511
Lennox and Addington ..	11,210	1,479,720	843	124,764	20,356	1,036,528
Lincoln .....	9,868	1,460,464	704	104,192	8,275	506,016
Manitoulin .....	2,759	364,188	264	35,640	3,728	205,077
Middlesex .....	36,995	5,438,265	4,413	719,319	43,133	2,743,259
Muskoka .....	3,663	589,743	393	56,592	5,847	297,612
Nipissing .....	2,428	403,048	263	38,398	4,164	206,118
Norfolk .....	15,927	2,197,926	1,731	233,685	18,467	1,110,605
Northumberland .....	17,739	2,430,243	1,810	251,590	22,627	1,225,478
Ontario .....	21,822	3,295,122	2,798	458,872	22,492	1,407,100
Oxford .....	22,705	3,405,750	2,518	385,254	44,899	3,046,846
Parry Sound .....	4,015	646,415	420	57,120	6,121	314,742
Peel .....	14,599	2,204,449	1,668	261,876	17,123	1,046,729
Perth .....	26,947	4,042,050	3,142	527,856	33,118	2,046,692
Peterborough .....	12,358	1,779,552	1,312	187,616	17,596	909,009
Prescott .....	9,173	1,311,739	1,100	171,600	23,142	1,027,505
Prince Edward .....	9,827	1,306,991	759	103,983	14,003	773,666
Rainy River and Kenora ..	1,870	370,260	280	50,960	1,886	114,744
Renfrew .....	15,198	2,462,076	1,205	192,800	24,615	1,161,336
Russell .....	6,959	1,009,055	725	116,000	15,469	746,225
Simcoe .....	37,750	5,433,000	3,547	528,503	35,998	1,981,690
Stormont .....	8,282	1,109,788	759	107,019	21,515	1,067,574
Sudbury .....	2,087	341,462	330	51,480	3,058	161,126
Thunder Bay .....	1,143	226,314	38	7,030	1,856	132,277
Timiskaming .....	1,425	252,225	240	37,200	1,640	103,287
Victoria .....	14,412	2,075,328	1,806	276,318	15,413	871,451
Waterloo .....	15,143	2,195,735	1,758	261,942	17,658	1,085,084
Welland .....	10,455	1,526,430	927	137,196	11,016	662,062
Wellington .....	27,881	3,903,340	2,841	454,560	25,703	1,614,405
Wentworth .....	13,441	2,016,150	1,084	160,432	14,469	915,598
York .....	26,132	3,945,932	2,300	381,800	30,483	1,911,589
The Province:						
1914 .....	774,544	112,576,793	80,872	12,480,960	1,006,703	57,396,788
1913 .....	751,726	113,240,047	96,841	15,507,939	1,032,039	52,176,881
1912 .....	742,139	109,000,214	101,911	15,793,129	1,044,177	49,929,061
1911 .....	737,916	103,373,206	105,741	15,616,714	1,045,610	47,377,588
1910 .....	724,384	92,757,431	97,900	13,345,490	1,052,796	42,908,322



## CATTLE.

on hand July 1, 1914 and the number and value of those sold or slaughtered in the year ending for the Province for the past five years.

Cattle.						Counties and Districts.
Other cattle on hand.		Total on hand.		Sold or slaughtered.		
Number.	Value.	Number.	Value	Number.	Value.	
	\$		\$		\$	
5,864	145,662	9,775	385,797	2,624	100,893	Algoma.
18,028	582,304	30,260	1,324,419	10,306	517,877	Brant.
72,914	2,475,430	100,571	4,108,023	37,753	2,095,292	Bruce.
45,758	1,408,889	80,115	3,198,545	27,510	1,127,350	Carleton.
30,656	985,897	43,400	1,726,578	15,263	826,034	Dufferin.
18,262	387,885	43,440	1,719,801	11,437	401,324	Dundas.
31,399	845,261	46,804	1,739,983	17,649	893,216	Durham.
40,212	1,377,261	67,932	3,173,240	25,539	1,297,126	Elgin.
22,862	665,970	39,666	1,643,123	13,200	537,240	Essex.
24,440	571,163	49,885	1,875,983	13,964	463,046	Frontenac.
17,289	424,791	42,144	1,676,240	10,948	335,228	Glengarry.
16,559	426,394	35,070	1,351,944	10,032	341,088	Grenville.
84,400	2,719,368	119,042	4,685,302	44,171	2,313,235	Grey.
22,606	686,092	36,320	1,520,452	12,814	584,575	Haldimand.
5,200	127,244	7,854	251,796	3,206	107,016	Haliburton.
19,718	645,370	30,888	1,340,591	11,910	651,715	Halton.
43,980	957,445	82,925	2,877,044	26,098	690,292	Hastings.
88,339	3,358,649	118,490	5,247,308	49,255	2,875,999	Huron.
45,886	1,644,554	66,650	2,921,955	24,653	1,286,887	Kent.
70,773	2,663,896	98,561	4,427,600	37,697	2,022,444	Lambton.
40,966	1,020,053	64,195	2,211,701	20,271	809,826	Lanark.
26,704	580,812	59,661	2,258,323	13,916	484,277	Leeds.
24,267	568,333	44,623	1,604,861	13,628	467,440	Lennox & Addington.
9,464	294,614	17,739	800,630	6,609	279,891	Lincoln.
8,153	202,521	11,881	407,598	3,650	154,979	Manitoulin.
95,206	3,892,021	138,339	6,635,280	57,336	3,040,528	Middlesex.
8,897	211,215	14,744	508,827	5,116	162,433	Muskoka.
7,094	156,494	11,258	362,612	3,683	118,777	Nipissing.
21,439	612,512	39,906	1,723,117	13,038	499,747	Norfolk.
30,891	762,081	53,518	1,987,559	19,042	726,643	Northumberland.
48,832	1,619,269	71,324	3,026,369	24,072	1,397,620	Ontario.
44,222	1,541,579	89,121	4,588,425	28,028	1,447,926	Oxford.
12,040	293,535	18,161	608,277	6,420	225,984	Parry Sound.
26,459	919,450	43,582	1,966,179	16,442	931,933	Peel.
60,303	1,942,963	93,421	3,989,655	32,735	1,620,055	Perth.
29,386	759,040	46,982	1,668,049	15,777	593,531	Peterborough.
18,065	327,338	41,207	1,354,843	9,670	304,895	Prescott.
13,045	290,512	27,048	1,064,178	8,440	267,886	Prince Edward.
3,275	94,582	5,161	209,326	1,777	72,235	Rainy River & Kenora.
46,473	1,159,037	71,088	2,320,373	24,248	864,441	Renfrew.
15,938	354,142	31,407	1,100,367	9,492	303,459	Russell.
73,023	2,070,932	109,021	4,052,622	37,165	1,736,720	Simcoe.
13,790	313,860	35,305	1,381,434	9,012	295,053	Stormont.
4,893	102,900	7,951	264,026	2,854	94,211	Sudbury.
2,624	77,592	4,480	209,869	1,574	68,060	Thunder Bay.
1,816	42,930	3,456	146,217	1,520	56,787	Timiskaming.
35,620	1,057,202	51,033	1,928,653	18,808	896,578	Victoria.
26,039	780,649	43,697	1,865,733	22,205	1,251,030	Waterloo.
12,964	376,086	23,980	1,038,148	8,010	343,068	Welland.
60,208	2,013,958	85,911	3,628,363	36,270	2,113,816	Wellington.
17,685	588,557	32,154	1,504,155	12,244	602,527	Wentworth.
32,999	1,112,066	63,482	3,023,655	22,713	1,278,288	York.
1,597,925	49,238,360	2,604,628	106,635,148	911,794	42,978,531	The Province:
1,596,806	43,582,141	2,628,845	95,759,022	880,303	38,751,801	1914.
1,580,603	40,474,841	2,624,780	90,403,902	849,140	36,269,271	1913.
1,547,595	37,257,374	2,593,205	84,634,962	837,544	34,065,248	1912.
1,514,332	33,964,401	2,567,128	76,872,723	817,239	30,595,363	1911.
						1910.

## SHEEP, SWINE

TABLE XX.—Showing by County Municipalities the number and value of Sheep, Swine and year ending June 30, 1914, together with the

Counties and Districts.	Sheep and Lambs.				Swine.	
	Number on hand.	Value.	Sold or slaughtered.		Number on hand.	Value.
			Number.	Value.		
		\$		\$		\$
Algoma .....	8,754	54,362	3,535	20,927	3,576	32,899
Brant .....	10,201	77,426	4,944	34,460	26,608	296,413
Bruce .....	40,326	260,103	24,952	153,954	49,016	499,963
Carleton .....	23,622	153,543	12,454	79,457	27,141	289,323
Dufferin .....	24,557	167,479	13,536	85,006	29,703	302,377
Dundas .....	5,739	34,204	2,727	15,571	24,123	235,199
Durham .....	27,950	191,458	14,789	95,833	29,926	303,749
Elgin .....	22,721	157,229	12,372	78,810	60,051	598,708
Essex .....	18,942	120,850	10,718	64,522	130,640	1,261,982
Frontenac .....	15,244	98,629	8,914	53,841	19,579	202,447
Glengarry .....	5,010	31,062	3,112	16,680	15,150	160,439
Grenville .....	10,760	63,807	5,846	33,556	16,472	172,462
Grey .....	67,524	451,060	40,307	248,694	62,871	660,774
Haldimand .....	16,211	111,045	8,584	53,392	25,639	264,082
Haliburton .....	5,926	31,349	3,320	17,496	1,853	17,881
Halton .....	8,050	62,549	5,014	35,800	21,870	223,074
Hastings .....	31,555	177,655	17,456	96,183	43,907	444,339
Huron .....	25,138	181,748	14,759	99,033	70,373	744,546
Kent .....	21,036	148,304	12,678	82,407	127,373	1,226,602
Lambton .....	32,772	246,445	17,990	125,390	62,689	617,487
Lanark .....	31,890	193,572	15,261	94,313	20,770	202,715
Leeds .....	13,277	84,442	6,659	41,086	26,415	266,527
Lennox and Addington .....	11,668	71,525	6,584	38,253	19,009	201,495
Lincoln .....	5,617	42,465	3,428	23,722	13,141	141,923
Manitoulin .....	19,205	107,932	7,673	38,979	4,353	36,870
Middlesex .....	26,655	209,775	18,148	127,036	65,587	716,210
Muskoka .....	13,188	75,963	6,677	36,724	3,270	33,616
Nipissing .....	5,581	29,021	3,628	17,668	4,293	40,869
Norfolk .....	15,516	95,113	9,665	57,507	38,605	380,645
Northumberland .....	13,177	89,867	7,042	43,660	35,659	358,016
Ontario .....	37,743	286,092	19,255	143,642	54,067	556,890
Oxford .....	8,814	62,227	5,107	33,604	64,125	654,716
Parry Sound .....	17,097	101,898	7,797	40,155	5,335	51,376
Peel .....	8,377	63,163	5,267	38,870	29,848	308,628
Perth .....	12,490	92,426	7,453	50,084	75,992	808,555
Peterborough .....	14,969	97,448	7,469	44,216	20,163	201,227
Prescott .....	9,389	55,207	5,100	26,826	16,076	171,209
Prince Edward .....	8,472	56,762	4,653	27,918	13,389	139,112
Rainy River and Kenora .....	1,577	12,506	726	5,714	3,335	38,453
Renfrew .....	51,729	277,267	23,914	126,744	23,676	214,505
Russell .....	4,367	28,997	2,975	19,338	12,632	123,415
Simcoe .....	55,840	383,062	30,805	185,446	88,884	872,841
Stormont .....	5,445	34,467	2,695	15,550	19,570	183,958
Sudbury .....	4,321	24,630	2,001	10,345	4,457	51,790
Thunder Bay .....	262	1,834	128	768	2,291	25,316
Timiskaming .....	830	5,270	160	925	1,212	15,211
Victoria .....	23,312	155,258	11,421	67,612	31,590	308,318
Waterloo .....	5,260	35,452	4,722	33,196	46,721	476,554
Welland .....	7,368	45,976	5,335	33,184	13,117	144,025
Wellington .....	36,175	285,421	23,121	167,627	74,136	751,739
Wentworth .....	11,461	85,041	6,672	46,304	28,456	292,528
York .....	19,265	145,065	12,518	91,381	61,799	627,260
The Province:						
1914 .....	922,375	6,155,451	512,066	3,219,409	1,770,533	17,951,258
1913 .....	996,155	6,242,672	534,311	3,163,752	1,618,734	15,393,192
1912 .....	1,021,848	6,181,595	531,957	3,054,930	1,702,652	14,141,908
1911 .....	1,040,245	6,213,021	505,015	2,839,888	1,744,983	14,593,917
1910 .....	1,065,101	6,127,018	512,902	2,748,972	1,561,042	13,265,834



## AND POULTRY.

Poultry on hand on July 1, 1914, and the number and value of those sold or slaughtered in the totals for the Province for the past five years.

Swine.		Poultry of all classes.				Counties and Districts.
Sold or slaughtered.		Number on hand.	Value.	Sold or slaughtered.		
Number.	Value.			Number.	Value.	
	\$		\$		\$	
5,092	65,076	62,604	36,844	31,867	20,714	Algoma.
29,446	473,197	160,294	84,200	75,548	48,351	Brant.
70,185	1,069,619	487,911	239,088	214,949	131,119	Bruce.
33,438	511,601	364,661	217,441	186,684	130,679	Carleton.
33,405	509,092	192,668	102,157	86,392	51,835	Dufferin.
29,502	410,373	247,641	134,458	95,963	62,376	Dundas.
39,167	596,905	291,803	153,588	126,767	76,060	Durham.
66,833	1,036,580	419,187	217,682	192,539	119,374	Elgin.
104,333	1,711,061	629,592	306,198	282,572	161,066	Essex.
24,981	351,982	188,708	107,852	115,647	74,014	Frontenac.
15,754	245,762	178,323	101,263	83,932	51,199	Glengarry.
21,253	297,542	176,186	94,266	83,242	52,442	Grenville.
78,294	1,208,859	546,496	272,413	244,475	149,130	Grey.
29,731	450,425	234,563	128,643	117,195	71,489	Haldimand.
2,547	36,677	29,469	15,488	13,870	8,322	Haliburton.
26,690	399,816	161,168	100,925	88,732	60,338	Halton.
52,523	750,028	368,720	191,336	169,517	101,710	Hastings.
90,788	1,448,976	687,664	347,738	292,603	178,488	Huron.
113,084	1,865,886	642,746	301,280	272,530	147,166	Kent.
66,398	1,037,137	577,913	294,096	248,219	148,931	Lambton.
25,052	384,799	211,349	112,845	95,401	59,149	Lanark.
28,352	412,238	213,921	119,263	98,168	59,882	Leeds.
23,515	346,141	205,324	108,716	97,119	58,271	Lennox & Addington.
16,370	258,973	175,464	93,007	108,548	69,471	Lincoln.
6,298	73,246	42,824	22,622	20,034	12,020	Manitoulin.
72,841	1,145,061	748,019	425,655	352,549	222,106	Middlesex.
5,510	79,675	72,517	37,338	36,777	20,595	Muskoka.
4,365	66,130	39,194	20,074	19,900	11,542	Nipissing.
42,406	615,311	325,872	166,934	150,426	82,734	Norfolk.
39,652	577,730	329,532	164,876	135,431	78,550	Northumberland.
55,042	864,159	357,250	205,849	178,661	117,916	Ontario.
78,492	1,219,766	397,616	212,600	168,090	100,854	Oxford.
6,508	91,633	74,643	38,866	37,050	22,601	Parry Sound.
34,673	528,763	250,831	157,912	149,806	104,864	Peel.
88,702	1,340,287	507,983	260,260	200,995	120,597	Perth.
26,393	382,699	219,835	122,300	99,918	61,949	Peterborough.
12,262	193,740	158,757	92,350	86,776	53,801	Prescott.
18,110	241,950	158,171	79,186	69,992	41,295	Prince Edward.
4,420	66,830	47,176	26,529	20,746	13,070	Rainy River and Kenora.
20,353	299,393	237,178	130,918	100,962	62,596	Renfrew.
12,876	190,307	118,866	66,108	62,811	39,571	Russell.
96,877	1,478,343	609,501	322,833	263,220	163,196	Simcoe.
21,610	317,667	166,101	89,661	74,129	44,477	Stormont.
3,542	56,814	39,608	21,599	21,636	13,414	Sudbury.
2,470	32,357	45,686	27,009	20,249	12,149	Thunder Bay.
1,842	30,190	34,194	18,521	17,055	10,574	Timiskaming.
35,463	530,526	266,120	141,703	104,117	62,470	Victoria.
51,127	772,018	231,225	106,636	100,683	56,382	Waterloo.
16,606	248,758	213,542	110,933	127,943	74,207	Welland.
93,540	1,340,428	417,031	221,134	196,401	129,625	Wellington.
34,210	501,861	195,858	121,430	107,132	72,850	Wentworth.
71,182	1,111,151	415,709	258,805	229,466	165,216	York.
1,984,105	30,275,538	14,175,214	7,551,428	6,575,434	4,062,797	The Province : 1914.
2,078,462	28,378,551	13,511,383	6,956,952	6,325,007	3,848,973	1913.
2,088,874	26,656,149	13,024,983	6,121,323	5,501,913	3,208,860	1912.
1,963,937	25,318,455	12,942,293	5,905,318	5,011,313	2,835,085	1911.
1,844,405	23,029,692	12,460,787	5,393,031	4,164,715	2,114,214	1910.

## WOOL CLIP, POULTRY ON HAND AND LIVE STOCK SOLD.

TABLE XXI. Showing by County Municipalities the number of pounds of wool, the number of turkeys, geese, ducks and other fowls on hand June 30th, 1914; also the value of all live stock sold or killed in the year ending June 30, 1913, together with the totals for the Province for the past five years.

Counties and Districts.	Wool Clip.	Poultry on Hand.				Total value of Live Stock sold or killed.
		Turkeys.	Geese.	Ducks.	Other fowl.	
	lbs.	No.	No.	No.	No.	\$
Algoma .....	33,901	5,302	903	788	55,611	245,903
Brant .....	55,256	1,277	3,728	5,105	150,184	1,191,645
Bruce .....	139,826	34,305	17,618	26,298	409,690	4,085,266
Carleton .....	78,319	16,938	13,946	17,490	316,287	2,130,455
Dufferin .....	82,304	7,651	13,386	8,338	163,293	1,695,455
Dundas .....	23,210	19,246	8,041	8,791	211,563	1,023,376
Durham .....	117,489	10,888	11,691	10,679	258,545	1,894,305
Elgin .....	88,612	26,865	9,228	12,906	370,188	2,885,320
Essex .....	88,176	18,493	14,428	36,629	560,042	2,814,784
Frontenac .....	56,414	21,988	3,621	11,680	151,419	1,097,323
Glengarry .....	16,039	17,615	3,126	5,586	153,996	785,651
Grenville .....	32,723	11,820	5,534	7,270	151,562	817,222
Grey .....	215,918	35,115	23,750	23,419	464,212	4,467,270
Haldimand .....	59,155	8,826	6,395	9,997	209,345	1,384,126
Haliburton .....	19,195	2,916	585	626	25,342	208,680
Halton .....	32,100	5,020	6,500	8,362	141,286	1,294,361
Hastings .....	91,621	26,062	9,998	8,789	323,871	1,928,853
Huron .....	90,768	37,664	19,693	40,167	590,140	5,526,786
Kent .....	81,499	20,330	12,352	34,743	575,341	3,803,156
Lambton .....	128,431	42,167	15,555	29,379	490,812	3,714,510
Lanark .....	88,894	14,697	3,882	3,642	189,128	1,510,731
Leeds .....	42,705	22,755	5,040	8,985	177,141	1,117,051
Lennox & Addington .....	39,779	14,413	4,103	6,088	180,720	1,034,869
Lincoln .....	20,332	3,266	1,981	7,067	163,150	736,249
Manitoulin .....	77,306	5,186	1,302	1,171	35,165	314,864
Middlesex .....	129,556	64,088	16,416	28,884	638,631	5,254,060
Muskoka .....	40,763	3,062	334	1,219	67,902	356,019
Nipissing .....	20,726	1,219	577	819	36,579	252,515
Norfolk .....	52,594	13,338	5,565	7,505	299,464	1,488,984
Northumberland .....	53,107	15,835	6,437	8,873	298,387	1,678,173
Ontario .....	178,153	8,393	17,312	17,903	313,642	2,982,209
Oxford .....	38,867	11,952	8,352	14,213	363,099	3,187,404
Parry Sound .....	60,228	5,439	1,740	1,104	66,360	437,493
Peel .....	35,619	13,149	11,610	15,318	210,754	1,866,306
Perth .....	40,658	12,759	20,110	29,197	445,917	3,658,879
Peterborough .....	54,503	19,886	7,032	5,212	187,705	1,270,011
Prescott .....	24,406	12,332	4,914	3,155	138,356	750,862
Prince Edward .....	24,602	6,737	2,581	4,503	144,350	683,032
Rainy River & Kenora .....	5,606	3,115	615	1,188	42,258	208,809
Renfrew .....	147,555	13,455	8,731	4,902	210,090	1,545,974
Russell .....	18,357	5,046	4,628	5,951	103,241	668,675
Simcoe .....	225,662	35,485	28,103	22,722	523,191	4,092,208
Stormont .....	29,648	15,218	2,693	3,062	145,128	779,796
Sudbury .....	14,258	2,081	580	557	36,390	226,264
Thunder Bay .....	935	3,937	422	872	40,455	120,364
Timiskaming .....	3,544	665	248	944	32,337	135,676
Victoria .....	82,053	16,670	12,409	9,075	227,966	1,833,504
Waterloo .....	19,988	1,836	5,605	5,929	217,855	2,374,568
Welland .....	21,624	3,611	1,918	10,691	197,322	836,413
Wellington .....	124,104	7,689	19,879	17,107	372,356	4,206,056
Wentworth .....	38,806	1,825	5,396	8,032	180,605	1,383,974
York .....	84,331	14,469	14,727	25,722	360,791	3,027,836
The Province:						
1914 .....	3,370,225	744,096	425,300	586,654	12,419,164	93,017,235
1913 .....	3,647,245	699,861	389,173	497,734	11,924,615	89,651,116
1912 .....	3,669,419	660,843	362,674	415,251	11,586,215	84,982,339
1911 .....	3,780,798	638,943	365,876	404,679	11,532,795	80,675,390
1910 .....	4,010,300	629,313	347,705	378,969	11,104,800	71,833,731



## FARM PROPERTY, IMPLEMENTS AND LIVE STOCK.

TABLE XXII.—Showing by County Municipalities of Ontario the value of farm lands, buildings, implements and live stock for the year 1914, together with the totals for the Province for the past five years.

Counties and Districts.	Land.	Buildings.	Implements.	Live Stock on hand.	Total.
	\$	\$	\$	\$	\$
Algoma .....	3,472,705	1,152,572	418,808	988,126	6,032,211
Brant .....	10,805,722	5,615,313	1,316,893	3,278,812	21,016,740
Bruce .....	25,882,440	11,641,862	2,899,600	9,408,760	49,832,662
Carleton .....	22,615,702	8,457,161	2,496,662	6,778,345	40,347,870
Dufferin .....	11,583,648	5,272,479	1,281,489	4,231,278	22,368,894
Dundas .....	10,073,730	4,820,790	1,437,364	3,437,532	19,769,416
Durham .....	13,669,500	6,821,854	1,649,824	4,707,703	26,848,881
Elgin .....	20,742,322	9,393,578	2,562,375	7,131,698	39,829,973
Essex .....	29,186,849	10,621,064	3,209,267	6,793,985	49,811,165
Frontenac .....	10,922,208	4,788,519	1,388,799	3,856,691	20,956,217
Glengarry .....	10,222,371	4,798,990	1,440,028	3,440,684	19,902,073
Grenville .....	7,305,201	3,835,534	988,295	2,739,069	14,868,099
Grey .....	27,476,728	13,969,550	3,651,784	10,932,055	56,030,117
Haldimand .....	10,841,046	5,769,954	1,557,509	3,990,186	22,158,695
Haliburton .....	1,533,047	478,406	204,871	575,238	2,791,562
Halton .....	12,803,326	5,166,621	1,209,738	3,107,299	22,286,984
Hastings .....	18,616,535	8,210,843	2,505,086	6,422,360	35,754,824
Huron .....	31,231,435	14,754,769	3,489,461	11,805,540	61,281,205
Kent .....	34,088,575	12,923,626	3,676,189	8,856,395	59,544,785
Lambton .....	25,935,977	10,557,303	3,034,894	9,620,796	49,148,970
Lanark .....	12,528,768	4,944,489	1,535,130	4,482,817	23,491,204
Leeds .....	11,716,060	5,352,528	1,553,417	4,232,785	22,854,790
Lennox & Addington .....	11,080,057	5,134,170	1,487,898	3,466,317	21,168,442
Lincoln .....	19,255,456	6,765,602	1,524,324	2,538,489	30,083,871
Manitoulin .....	1,748,154	813,919	283,534	939,210	3,784,817
Middlesex .....	37,425,412	16,423,431	3,782,201	13,425,185	71,056,229
Muskoka .....	3,299,492	1,471,153	512,426	1,245,487	6,528,558
Nipissing .....	2,970,578	904,322	459,286	855,624	5,189,810
Norfolk .....	14,888,106	7,439,231	1,920,885	4,563,735	28,811,957
Northumberland .....	15,222,780	7,794,290	1,985,095	5,030,561	30,032,726
Ontario .....	19,957,335	9,749,131	2,330,559	7,370,322	39,407,347
Oxford .....	24,928,575	12,032,193	2,967,977	8,923,718	48,852,463
Parry Sound .....	3,238,006	1,470,255	563,479	1,446,832	6,718,572
Peel .....	15,584,865	7,258,084	1,554,120	4,700,331	29,097,400
Perth .....	24,264,852	12,442,552	2,983,996	9,192,946	48,884,346
Peterborough .....	12,560,532	5,184,184	1,251,568	3,868,576	22,864,860
Prescott .....	12,314,759	5,089,547	1,538,910	2,985,348	21,928,564
Prince Edward .....	8,392,628	4,398,480	1,204,698	2,646,229	16,642,035
Rainy River & Kenora .....	2,725,479	378,031	275,674	657,074	4,036,258
Renfrew .....	15,004,007	5,796,836	2,106,655	5,405,189	28,312,637
Russell .....	9,947,979	3,683,457	1,227,712	2,327,942	17,187,090
Simcoe .....	32,462,544	15,040,420	3,916,085	11,067,358	62,486,407
Stormont .....	8,190,390	3,949,415	1,108,321	2,799,308	16,047,434
Sudbury .....	3,130,196	737,829	368,585	703,507	4,940,117
Thunder Bay .....	4,093,686	517,461	223,884	490,342	5,325,373
Timiskaming .....	2,612,913	550,660	283,640	437,444	3,884,657
Victoria .....	14,654,349	5,423,618	1,556,670	4,609,260	26,243,897
Waterloo .....	14,571,518	7,697,977	1,907,624	4,680,110	28,857,229
Welland .....	12,269,091	5,501,012	1,471,306	2,865,512	22,106,921
Wellington .....	23,323,969	12,539,886	2,782,138	8,789,997	47,435,990
Wentworth .....	19,056,767	7,767,032	1,846,863	4,019,304	32,689,966
York .....	38,110,336	14,046,660	2,770,280	8,000,717	62,927,993
The Province:					
1914 .....	790,538,706	347,348,643	91,703,876	250,870,078	1,480,461,303
1913 .....	782,993,853	345,303,335	89,702,273	237,591,885	1,455,591,346
1912 .....	758,729,268	335,141,520	86,231,210	225,848,942	1,405,950,940
1911 .....	723,902,419	317,876,963	84,969,426	214,720,424	1,341,469,232
1910 .....	700,905,425	306,517,941	81,570,981	194,416,037	1,283,410,384

## FARM VALUES PER ACRE.

TABLE XXIII.—Showing by County Municipalities of Ontario average values per acre of farm property in 1914, together with the average for the Province for 1913 and preceding years at five year intervals, from 1882-1907.

Counties and Districts.	Farm values, average per acre occupied.					Values buildings, implements, and live stock, per acre, cleared
	Land.	Buildings.	Implements.	Live Stock.	Total.	
Algoma.....	\$ 11 18	\$ 3 71	\$ 1 35	\$ 3 18	\$ 19 42	\$ 53 55
Brant .....	50 15	26 06	6 11	15 21	97 53	57 01
Bruce .....	27 73	12 47	3 11	10 08	53 39	40 90
Carleton .....	40 23	15 04	4 44	12 06	71 77	47 99
Dufferin .....	32 51	14 80	3 60	11 87	62 78	39 29
Dundas .....	42 59	20 38	6 08	14 53	83 58	54 52
Durham .....	36 89	18 41	4 45	12 70	72 45	43 22
Elgin .....	47 62	21 57	5 88	16 37	91 44	52 83
Essex .....	68 48	24 92	7 53	15 94	116 87	58 56
Frontenac .....	15 76	6 91	2 00	5 56	30 23	38 75
Glengarry .....	35 49	16 66	5 00	11 94	69 09	50 27
Grenville .....	26 78	14 06	3 62	10 04	54 50	40 39
Grey .....	25 82	13 13	3 43	10 28	52 66	40 99
Haldimand .....	38 60	20 55	5 55	14 21	78 91	47 25
Haliburton .....	2 61	0 82	0 35	0 98	4 76	27 72
Halton .....	57 07	23 03	5 39	13 85	99 34	54 57
Hastings .....	17 38	7 67	2 34	6 00	33 39	38 99
Huron .....	39 08	18 46	4 37	14 77	76 68	45 26
Kent .....	59 97	22 74	6 47	15 58	104 76	54 35
Lambton .....	39 30	16 00	4 60	14 57	74 47	46 67
Lanark .....	18 68	7 37	2 29	6 68	35 02	33 08
Leeds .....	24 87	11 36	3 30	8 98	48 51	41 23
Lennox and Addington	25 09	11 63	3 37	7 85	47 94	39 92
Lincoln .....	101 40	35 63	8 03	13 37	158 43	66 81
Manitoulin .....	6 18	2 87	1 00	3 32	13 37	42 17
Middlesex .....	49 47	21 71	5 00	17 75	93 93	51 04
Muskoka .....	5 78	2 58	0 90	2 18	11 44	47 05
Nipissing .....	9 50	2 89	1 47	2 73	16 59	44 96
Norfolk .....	37 54	18 76	4 84	11 51	72 65	49 89
Northumberland .....	34 49	17 66	4 50	11 40	68 05	41 93
Ontario .....	39 38	19 24	4 60	14 54	77 76	51 24
Oxford .....	52 89	25 53	6 29	18 93	103 64	59 83
Parry Sound .....	5 21	2 37	0 91	2 33	10 82	40 73
Peel .....	54 62	25 44	5 45	16 47	101 98	51 83
Perth .....	46 80	24 00	5 76	17 73	94 29	54 52
Peterborough .....	21 61	8 92	2 15	6 66	39 34	39 47
Prescott .....	41 85	17 29	5 23	10 14	74 51	45 91
Prince Edward .....	35 84	18 78	5 14	11 30	71 06	41 80
Rainy River and Kenora	7 50	1 04	0 76	1 81	11 11	37 57
Renfrew .....	14 00	5 41	1 96	5 04	26 41	36 34
Russell .....	39 87	14 76	4 92	9 33	68 88	50 06
Simcoe .....	33 44	15 49	4 03	11 40	64 36	44 53
Stormont .....	32 96	15 89	4 46	11 26	64 57	49 84
Sudbury .....	8 79	2 07	1 03	1 98	13 87	36 77
Thunder Bay .....	9 96	1 26	0 54	1 19	12 95	39 40
Timiskaming .....	8 71	1 84	0 95	1 46	12 96	55 45
Victoria .....	24 43	9 04	2 60	7 69	43 76	40 34
Waterloo .....	47 41	25 04	6 21	15 23	93 89	56 51
Welland .....	54 08	24 25	6 49	12 63	97 45	53 02
Wellington .....	37 16	19 98	4 43	14 00	75 57	47 97
Wentworth .....	70 68	28 81	6 85	14 90	121 24	63 89
York .....	71 61	26 39	5 21	15 03	118 24	56 76
The Province:—						
1914 .....	31 70	13 93	3 68	10 06	59 37	47 27
1913 .....	31 42	13 86	3 60	9 54	58 42	46 34
1912 .....	30 47	13 46	3 46	9 07	56 46	44 80
1907 .....	27 65	11 67	2 99	7 77	50 08	38 75
1902 .....	25 49	10 00	2 62	5 93	44 04	32 43
1897 .....	23 72	8 82	2 20	4 01	38 75	27 31
1892 .....	27 19	8 64	2 25	5 19	43 27	30 38



## CHEESE FACTORIES.

TABLE XXIV.—Showing by Counties of Ontario the number of cheese factories in operation, the quantity and value of cheese and butter made, and the value of cream, casein and milk sold in 1914, together with comparative figures for the Province for 1909-1914.

Counties and Districts.	Cheese factories.				Butter plants at Cheese factories.			
	No. of factories.	Milk used for cheese.	Cheese made.	Value.	Number operated.	Butter made.	Value.	Value of milk, cream and casein sold.
		Lbs.	Lbs.	\$		Lbs.	\$	\$
Brant .....	6	5,918,827	521,413	68,130	1	22,761	4,154	1,200
Bruce .....	4	4,211,417	384,227	51,139	.....	.....	.....	.....
Carleton .....	54	49,490,756	4,561,071	612,428	6	24,321	6,327	.....
Dufferin .....	2	827,850	78,877	10,895	.....	.....	.....	.....
Dundas .....	62	72,567,585	6,635,992	866,461	15	64,988	21,346	15,256
Durham .....	1	879,249	82,414	11,129	.....	.....	.....	.....
Elgin .....	16	30,846,806	2,870,670	371,059	4	76,166	21,439	5,804
Frontenac .....	64	69,917,825	6,331,562	845,958	12	39,178	9,467	1,039
Glengarry .....	67	54,485,659	5,122,626	684,908	3	23,430	6,313	.....
Grenville .....	44	48,434,443	4,355,851	583,943	5	81,020	22,601	3,550
Haldimand .....	3	3,498,971	320,805	43,328	1	15,420	4,241	.....
Hastings .....	76	83,263,295	7,546,237	1,019,983	.....	.....	.....	.....
Huron .....	4	5,042,034	457,747	62,106	.....	.....	.....	.....
Lambton .....	6	4,768,841	436,909	58,770	4	59,207	15,158	881
Lanark .....	41	38,930,417	3,551,474	472,985	7	40,949	10,862	.....
Leeds .....	98	118,119,587	10,791,810	1,443,263	35	111,902	27,748	8,588
Lennox and Add.	32	51,816,754	4,762,166	635,753	2	3,793	911	.....
Lincoln .....	1	1,096,161	99,733	13,810	.....	.....	.....	.....
Middlesex .....	22	46,266,505	4,136,875	561,016	5	81,489	20,499	791
Norfolk .....	6	8,846,042	776,454	104,282	.....	.....	.....	.....
Northumberland.	38	40,759,055	3,639,173	484,948	1	3,926	1,149	.....
Oxford .....	33	81,667,714	7,255,317	986,406	16	357,474	99,686	35,947
Perth .....	20	40,184,473	3,637,153	500,536	7	267,535	73,562	.....
Peterborough ...	32	24,660,069	2,204,742	300,743	10	110,666	27,228	.....
Prescott .....	72	51,015,184	4,841,134	640,084	4	13,436	4,065	723
Prince Edward ..	23	38,586,246	3,496,553	468,644	11	42,320	10,866	358
Renfrew .....	17	11,469,553	1,080,377	140,959	2	34,703	8,632	.....
Russell .....	60	49,448,179	4,719,297	624,650	5	15,475	3,961	256
Stormont .....	50	65,800,197	5,833,164	775,241	3	10,056	2,365	138
Victoria .....	8	6,795,827	621,322	84,882	.....	.....	.....	.....
Waterloo .....	2	2,456,924	223,345	28,563	.....	.....	.....	.....
Wellington .....	3	3,029,283	269,177	36,439	.....	.....	.....	.....
Wentworth .....	1	709,764	66,669	9,304	.....	.....	.....	.....
The Province:								
1914 .....	968	1,115,811,492	101,712,336	13,602,745	159	*1,500,215	402,580	74,531
1913 .....	1,002	1,209,890,007	110,795,926	13,890,656	154	1,562,294	426,216	172,657
1912 .....	1,055	1,405,921,858	129,653,063	16,574,573	144	1,765,950	505,532	132,731
1911 .....	1,077	1,369,856,680	127,123,016	15,491,406	157	1,963,768	491,448	164,412
1910 .....	1,102	1,451,244,620	135,521,390	14,491,410	.....	.....	.....	.....
1909 .....	1,177	.....	125,611,359	14,193,918	.....	.....	.....	.....

\*Including 306,245 lbs. whey-butter, value \$75,621.

Note.—The statistics in this and following table have been compiled by this Bureau from returns made by the staff of instructors under the direction of the Dairy Branch of the Ontario Department of Agriculture.

## CREAMERIES.

TABLE XXV. Showing by counties of Ontario the number of Creameries in operation, the quantity and value of butter made, the value of cream, casein and milk sold in 1914, together with comparative figures for the Province for 1909-1914.

Counties and Districts.	Creameries.			
	No. of Creameries.	Lbs. of Butter.	Value of Butter.	Value of milk, cream and casein sold.
			\$	\$
Brant.....	4	876,000	238,120	.....
Bruce.....	10	1,296,098	327,078	.....
Carleton.....	3	747,366	209,239	1,600
Dundas.....	3	5,452	1,297	28,941
Durham.....	3	186,101	47,170	.....
Elgin.....	6	503,889	138,461	15,000
Essex.....	4	202,000	52,450	.....
Frontenac.....	1	130,399	37,293	.....
Glengarry.....	1	97,946	24,487	.....
Grenville.....	1	4,000	946	.....
Grey.....	6	548,358	137,070	.....
Haldimand.....	8	1,247,497	328,383	.....
Haliburton.....	1	28,443	6,924	.....
Hastings.....	3	240,758	65,822	8,426
Huron.....	9	1,843,599	471,212	.....
Kent.....	7	447,029	111,300	.....
Lambton.....	8	1,015,348	266,349	.....
Lanark.....	2	72,638	21,240	.....
Leeds.....	2	200,000	54,500	10,817
Lincoln.....	3	386,417	108,624	.....
Middlesex.....	9	1,831,662	483,363	.....
Norfolk.....	9	776,100	199,560	41,225
Northumberland.....	1	195,322	48,900	.....
Ontario.....	6	681,797	179,566	.....
Oxford.....	6	670,604	171,807	.....
Perth.....	8	821,327	205,856	.....
Peterborough.....	3	207,051	54,611	8,794
Renfrew.....	3	334,334	85,216	.....
Simcoe.....	2	75,738	19,172	.....
Stormont.....	1	27,530	7,157	1,296
Victoria.....	7	700,682	181,202	.....
Waterloo.....	5	952,710	247,701	3,026
Welland.....	3	238,310	62,694	3,549
Wellington.....	5	1,599,933	428,503	.....
Wentworth.....	5	227,085	62,998	.....
York.....	9	3,685,014	1,029,154	.....
The Province.				
1914.....	167	23,104,537	6,115,425	122,674
1913.....	155	20,629,555	5,318,435	290,637
1912.....	136	15,835,801	4,451,339	167,277
1911.....	120	13,738,203	3,268,303	.....
1910.....	121	12,893,650	3,016,135	.....
1909.....	97	9,015,206	2,175,955	.....









## PART II.—CHATTEL MORTGAGES.

Table showing by County Municipalities of Ontario the total number and amount of Chattel Mortgages on record and undischarged on December 31st, 1914, against (1) all occupations; (2) farmers; together with totals for the Province for the past five years.

Counties and Districts.	Chattel mortgages against all occupations.				Chattel mortgages against farmers.			
	To secure existing debt.		For future indorsation.		To secure existing debt.		For future indorsation.	
	No.	Amount.	No.	Amount.	No.	Amount.	No.	Amount.
Algoma .....	201	\$ 460,744	1	\$ 2,000	98	\$ 24,996		\$
Brant .....	199	248,696			66	36,157		
Bruce .....	229	108,995	3	5,528	159	62,564	2	528
Carleton .....	247	214,326	7	11,296	42	24,872		
Dufferin .....	64	56,076			32	33,263		
Elgin .....	273	271,967			76	44,916		
Essex .....	293	238,064			184	60,140		
Frontenac .....	253	220,616			171	61,758		
Grey .....	433	261,372	1	5,000	245	127,937		
Haldimand .....	98	83,865			57	21,875		
Haliburton .....	39	10,310			36	8,867		
Halton .....	58	67,312			20	12,970		
Hastings .....	488	233,114			282	100,705		
Huron .....	176	185,513			86	42,657		
Kenora .....	59	†552,821	1	300	8	4,360		
Kent .....	430	332,857			325	185,226		
Lambton .....	332	176,657			141	70,433		
Lanark .....	119	108,465			62	36,325		
Leeds and Grenville .....	256	222,448			157	103,031		
Lennox and Addington .....	140	76,897			79	46,751	1	306
Lincoln .....	121	*1,258,150	3	(a) 100,480	28	115,020		
Manitoulin .....	104	33,019			82	18,872		
Middlesex .....	232	228,320	1	10,000	88	51,691	1	10,000
Muskoka .....	160	109,598	1	25,000	74	16,486		
Nipissing .....	228	293,446			95	36,493		
Norfolk .....	174	102,860			120	40,637		
Northumberland & Dur .....	327	191,927			202	82,944		
Ontario .....	170	431,287	1	15,000	79	38,341		
Oxford .....	210	184,319			113	89,492		
Parry Sound .....	156	‡5,632,075			32	7,976		
Peel .....	37	28,400			23	10,809		
Perth .....	122	138,135	1	1,000	42	36,385		
Peterborough .....	180	137,645	1	100	76	37,457		
Prescott and Russell .....	157	268,160	1	5,000	94	47,773		
Prince Edward .....	92	78,300			63	46,076		
Rainy River .....	80	67,828			38	15,315		
Renfrew .....	168	394,061	1	1,050	106	51,550	1	1,050
Simcoe .....	455	287,206			286	126,748		
Stormont, Dun. & Glen .....	225	160,902	17	9,525	143	88,247	10	4,743
Sudbury .....	267	180,244			109	43,471		
Thunder Bay .....	163	174,764	3	20,676	44	25,062		
Timiskaming .....	291	240,356	6	(b) 6,045,275	117	36,367		
Victoria .....	79	62,374			54	25,621		
Waterloo .....	163	159,247	1	300	33	32,051		
Welland .....	197	277,657	1	100,000	21	6,876		
Wellington .....	161	151,786			55	50,336		
Wentworth .....	505	543,543	1	1,000	62	51,625	1	1,000
York .....	1,270	**12,218,047	8	6,979	106	62,858		
The Province;								
1914 .....	10,881	28,164,771	60	6,365,509	4,711	2,418,382	16	17,627
1913 .....	10,190	32,442,616	49	8,485,788	4,831	2,279,301	16	4,012
1912 .....	10,654	39,406,857	55	542,235	5,016	2,310,071	6	3,489
1911 .....	11,261	40,698,959	74	1,492,161	5,482	2,624,057	14	7,860
1910 .....	12,490	31,108,900	80	1,101,014	6,196	2,658,283	18	8,258

\* Including 1 manufacturer for \$1,000,000.  
for \$5,577,607.

† Including 1 lumberman for \$250,508.  
‡ Including 479 Instruments unclassified aggregating \$10,919,564, also 126 hotels for \$819,565.

(a) Including 1 Crushed Stone Co. for \$100,000

(b) Including 6 mining Cos. for \$6,045,275.





3414.

ANNUAL REPORT

OF THE

Bureau of Industries

FOR THE

PROVINCE OF ONTARIO

1915

PART I.—AGRICULTURAL STATISTICS  
PART II.—CHATTEL MORTGAGES

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(PUBLISHED BY THE ONTARIO DEPARTMENT OF AGRICULTURE)

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PRINTED BY ORDER OF  
THE LEGISLATIVE ASSEMBLY OF ONTARIO



TORONTO;

Printed by A. T. WILGRESS, Printer to the King's Most Excellent Majesty

1916

Printed by  
WILLIAM BRIGGS  
Corner Queen and John Streets  
TORONTO

*To His Honour* SIR JOHN STRATHEARN HENDRIE, C.V.O., a Lieutenant-Colonel  
in the Militia of Canada, etc., etc., etc.

*Lieutenant-Governor of the Province of Ontario, etc., etc.*

MAY IT PLEASE YOUR HONOUR:

I have the honour to present herewith for your consideration the Report of  
the Ontario Bureau of Industries for the year 1915.

Respectfully yours,

JAS. S. DUFF,

*Minister of Agriculture.*

TORONTO, 1916.





# Ontario Bureau of Industries

## PART I.—AGRICULTURAL STATISTICS.

### THE WEATHER.

TEMPERATURE.—The following table gives the temperature of the Province of each month during the last five years, together with the mean annual temperature, also the mean temperature for the six months April-September—practically the growing season—together with the average for the five years 1911-15, and the thirty-four years, 1882-1915:

Month.	1915	1914	1913	1912	1911	1911- 1915	1882- 1915
January .....	18.7	20.9	26.1	7.7	20.8	18.8	18.0
February .....	22.7	10.7	15.4	13.6	21.1	16.7	17.2
March .....	27.3	27.4	29.0	21.1	26.2	26.2	26.8
April .....	48.6	39.7	44.3	39.5	40.6	42.5	41.8
May .....	50.9	57.0	52.4	54.9	59.9	55.0	53.7
June .....	61.0	63.1	63.2	60.0	64.1	62.3	63.5
July .....	66.9	67.5	68.1	67.8	70.1	68.1	68.0
August .....	64.2	65.9	66.4	62.2	67.7	65.3	65.4
September .....	61.5	58.8	57.8	60.7	58.2	59.4	59.3
October .....	50.0	50.8	49.4	49.3	46.9	49.3	47.3
November .....	39.1	34.5	40.3	37.1	32.7	36.7	35.3
December .....	23.9	21.3	29.3	28.0	30.0	26.5	23.7
Annual mean .....	44.6	43.1	45.1	41.8	44.8	43.9	43.3
Mean for 6 months, April to September .....	58.8	58.7	58.7	57.5	60.1	58.8	58.6

The mean temperature for the year 1916 was 44.6 degrees, being 1.5 degrees higher than the preceding year, and 1.3 degrees higher than the normal for the thirty-four years 1882-1915.

The mean temperature for the six growing months, April-September, was practically the same as the previous year, and only 0.2 degrees higher than the thirty-four year normal. April was the warmest month relatively, being 6.8 degrees in excess of average; May was the coldest relatively, being 2.8 degrees below its normal.

SUNSHINE.—In the following table the averages of sunshine are, as usual, derived from the records of the weather stations at Woodstock, Toronto, Lindsay, Kingston and Ottawa:

Month.	Sun above horizon.	1915	1914	1913	1912	1911	1911- 1915	1882- 1915
	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.
January .....	285.7	73.1	66.0	61.3	98.7	79.2	63.1	75.0
February .....	291.4	92.7	148.8	111.8	109.7	89.9	110.6	104.4
March .....	369.9	197.0	128.9	106.7	181.2	159.4	154.6	144.2
April .....	406.4	186.9	137.6	207.5	177.3	192.3	180.3	184.1
May .....	461.1	222.4	263.0	241.4	188.9	272.2	237.6	211.4
June .....	465.7	267.4	262.1	315.5	281.6	215.3	268.4	248.3
July .....	470.9	236.1	266.0	297.5	264.2	303.1	273.4	266.7
August .....	434.5	194.4	223.7	257.6	153.8	247.1	215.3	239.2
September .....	376.3	195.3	210.8	213.4	114.0	190.7	184.8	186.5
October .....	340.2	146.9	137.5	121.4	147.3	150.9	140.8	139.5
November .....	286.9	92.6	83.9	95.1	82.9	75.0	85.9	78.8
December .....	274.3	64.3	66.1	78.6	52.4	65.3	65.3	60.8
Total for the year..	4463.3	1969.1	1994.4	2107.8	1852.0	2040.4	1980.1	1938.9
Total for six months, April to September.	2614.9	1302.5	1363.2	1532.9	1179.8	1420.7	1359.8	1336.2

The year 1915 had 1,969.1 hours of sunshine, or 30.2 hours more than the average for the last thirty-four years. The six growing months, April-September, had 1,302.5 hours of sunshine, or 33.7 hours less than the average for the 1882-1915 period. The four months January, February, July and August did not exceed their normals, August being the lowest with a deficiency of 44.8 hours; all the others were above, March being the highest with an excess of 52.8 hours.

PRECIPITATION.—The fall of both rain and snow for the five winter months, including November, 1914, and March, 1915, is given in the following table for five years, together with the average for the thirty-four years, 1882-1915. An inch of water is equivalent to ten inches of snow:

Months.	1915	1914	1913	1912	1911	1911- 1915	1882- 1915
November:	in.	in.	in.	in.	in.	in.	in.
Rain .....	1.81	2.78	2.66	2.52	1.35	2.22	2.03
Snow .....	7.7	3.8	7.4	13.4	12.8	5.0	7.5
December:							
Rain .....	0.43	0.23	1.18	1.44	0.09	0.67	1.16
Snow .....	17.2	6.8	11.2	9.1	22.9	13.4	15.1
January:							
Rain .....	0.90	0.56	2.45	0.44	0.76	1.02	0.98
Snow .....	16.3	21.5	13.6	25.4	9.9	17.3	17.5
February:							
Rain .....	1.29	0.24	0.31	0.08	0.40	0.46	0.79
Snow .....	10.7	12.1	13.2	16.8	15.6	13.7	15.1
March:							
Rain .....	0.18	0.88	2.82	0.20	0.96	1.01	1.18
Snow .....	5.1	11.2	13.8	14.1	13.3	11.5	8.6
Five months:							
Rain .....	4.61	4.69	9.42	4.62	3.56	5.38	6.14
Snow .....	57.0	55.4	59.2	78.8	74.5	60.9	63.8



The total amount of rainfall for the five months, November-March, was 4.61 inches, or 1.53 inches below the average for the thirty-four years, 1882-1915.

The total amount of snowfall was 57.0 inches, or 6.8 inches below the average, November and December were in excess, the others being all several inches below.

The six months, April to September, however, comprise what is regarded as the growing season for most crops, and the following table gives the rainfall of these months for the last five years, 1911-1915, and for the thirty-four years, 1882-1915.

Months.	1915	1914	1913	1912	1911	1911- 1915	1882- 1915
	in.	in.	in.	in.	in.	in.	in.
April.....	1.15	1.93	2.77	2.24	1.58	1.93	1.75
May.....	2.18	1.99	1.93	5.08	2.08	2.65	2.81
June.....	3.06	2.39	1.77	1.56	2.30	2.22	2.71
July.....	3.86	1.41	2.46	2.61	2.30	2.53	2.82
August.....	5.54	3.81	3.43	4.33	2.29	3.88	2.70
September.....	3.39	2.28	1.64	3.98	2.77	2.81	2.61
Total for six months.....	19.18	13.81	14.00	19.80	13.32	16.02	15.40

The rainfall for the six months, April-September, comprising the growing season, was 19.18 inches, or 5.37 inches more than the previous year, and in comparison with the normal for the thirty-four year period was 3.78 inches in excess. April and May were the only months which were below average, the others ranged from 0.35 inches to 2.84 inches above.

## VEGETATION AND SPRING SOWING.

VEGETATION.—Unusually warm weather in April brought growth forward with a bound, and correspondents writing about the middle of May reported vegetation as being a week or two in advance of the ordinary, although the cold dip then prevailing had halted advancement. Cattle had then been on the grass in some localities for a fortnight, with good picking.

SPRING SOWING.—The May bulletin said: "Reports regarding spring crops are almost an unbroken chorus of praise for the excellent condition of the soil at seeding, and the generally successful nature of the catch. Sowing was unusually early, as most of the spring grains were in, and some of them nicely started by the 1st of May. More land than usual is being put to crop this year, and beans especially will experience a considerable increase in acreage judging by expressed intentions. On the other hand, potatoes will be the one crop likely to have a reduced area, owing to the poor prices realized for last year's crop."

## STATISTICS OF FIELD CROPS.

The following table gives the acreage, production and market value of the field crops of Ontario for the year 1915. Detailed tables showing the statistics by counties will be found elsewhere in this report.

Crops.	Acres.	Bushels.	Bushels per acre.	Market Value	
				Total.	Peracre.
				\$	\$ c.
Fall Wheat .....	811,185	24,737,011	30.5	24,023,286	29 62
Spring Wheat.....	162,142	3,439,949	21.2	3,392,996	20 93
Barley .....	552,818	19,893,129	36.0	11,130,811	20 15
Oats .....	2,871,755	120,217,952	41.9	47,452,121	16 52
Peas .....	126,943	2,043,049	16.1	3,302,641	26 02
Beans .....	62,863	882,819	14.0	2,745,106	43 67
Rye .....	173,736	3,210,512	18.5	2,532,051	14 57
Buckwheat .....	193,497	4,278,366	22.1	3,057,398	15 80
Corn (for husking).....	309,773	21,760,496	70.2	9,885,292	31 91
Potatoes .....	173,934	13,267,023	76.	10,805,026	62 12
Carrots.....	2,439	686,232	281.	85,779	35 17
Mangel-wurzels .....	50,799	25,356,323	498.	2,028,505	39 93
Turnips .....	97,451	46,598,851	478.	4,659,885	47 82
Sugar Beets .....	22,890	8,644,281	378.	1,080,535	47 21
Mixed grains .....	475,738	19,461,609	40.9	10,602,271	22 29
		tons.	tons.		
Corn (for Silo) .....	443,736	4,874,377	10.98	12,185,943	27 46
* Hay and Clover .....	3,231,752	4,253,763	1.32	61,704,769	19 09
Totals:					
1915.....	9,762,951	.....	.....	210,674,415	21 58
1914.....	9,621,444	.....	.....	199,152,945	20 70
1913.....	9,541,537	.....	.....	168,455,253	17 65
1912.....	9,574,474	.....	.....	185,790,341	19 40
1911.....	9,718,741	.....	.....	179,974,358	18 52
1910.....	9,725,684	.....	.....	175,115,742	18 01
1909.....	9,578,323	.....	.....	167,966,577	17 54

\* Including alfalfa.

The acreages devoted to other crops in 1915 were as follows: Orchards, 288,-825; small fruits, 23,443; vineyards, 10,276; gardens, 57,774; rape, 40,613; flax, 5,334; hops, 453; tobacco, 5,503 (Essex, 2,824; Kent, 1,774;); summer fallow, 226,217; pasture (cleared), 3,350,420.

## THE GRAIN CROPS.

THE NEW FALL WHEAT. The wheat crop sown in the fall of 1914 was thus described in the November bulletin of that year: "At the time of writing fall wheat never promised better, nor have returns been more unanimous. The ground at seeding was in fine tilth, and the catch was perfect. Copious rains and warm weather brought the young fields along in splendid form, until now the only fear is that the luxuriant growth may have given the plants too much top for entering the winter. A few complaints are made of the Hessian fly and the wireworm, but only slight injury has been done by these or other insects. The season of 1914 may indeed be described as peculiarly a new fall wheat one, the present condition of the fields never being better, while the increase in acreage is one of the largest on

record. Sowing ranged from the last week of August to the end of September, most of the seed being got in during the first two weeks of the latter month. Dawson's Golden Chaff is the variety most largely grown, although about forty other kinds are named. It is estimated that the increase in the area of fall wheat now in crop will be about 140,000 acres, or a little over 20 per cent."

The April bulletin had the following reference to the young wheat: "The fields were well protected by snow until the middle of March, when in many sections they became comparatively bare, and suffered more or less from alternate thawing and freezing, cold winds, etc., causing some heaving and considerable browning of the top. The hope was entertained, however, that warm rains and good growing weather later on would revive these more backward fields, as the tops only seemed affected. Late sown fields are the least promising. At present there is no cause for anxiety as to the condition of the main crop."

Reports sent in about the middle of May were to the following effect: "This important grain crop, with its largely increased acreage, gives promise of an unusually good yield should favorable weather ensue. It wintered well, and evidently was not much injured by 'heaving' during the very open weather of March-April. In fact, spring injury may be regarded as practically nil. Hardly any fall wheat land has been plowed up, and very little has been re-drilled to spring grains. Injury from insects, also, has been slight, only the barest mention being made of the presence of the wire-worm, cut-worm, or Hessian fly. While a few patchy fields in low-lying places are reported, the opinion is very generally expressed that the crop never looked better at this time of the year. Some correspondents are inclined to fear that growth has been rather too rank."

The August bulletin said, of fall wheat: "This crop, with a greatly enlarged area, gave promise also of one of the largest yields per acre for the Province until the wet weather developed. Being very full in the head like most of the other grains, where the crop was cut late it was knocked down considerably by rain-storms, ripened rather unevenly, and was difficult to harvest. As the rains were almost continuous during the harvest season a large portion of the crop had to remain in the fields for a long time after cutting, and more or less sprouting in the shock resulted; but the actual extent of injury to wheat or other grain from this cause cannot be fairly estimated until the crops are more fully examined. One correspondent, however, speaks of the sprouted wheat as making good hog feed, thus helping to minimize the loss. Odd mention only was made of the Hessian Fly in Elgin and Wellington, while scattering references were made to smut as showing in four or five counties. Harvesting spread from 20th of July to the middle of August."

The November returns regarding the crop were thus summarized: "Threshing returns prove the yield of fall wheat to be considerably above the average per acre, but the quality of the grain is said to run unevenly. While much of the wheat is of the very finest quality, a good deal of the grain was affected by wet weather at harvesting, especially on low-lying spots, became more or less sprouted, and some of it was rather damp at threshing. All the inferior wheat, however, will be required for feeding live stock on the farm, and for this purpose will be practically as good as the better quality, so that the actual loss will be relatively small. The acreage of fall wheat cut this year was unusually large."



**THE NEW FALL WHEAT.** The following regarding the prospects of the newly planted fall wheat appeared in the November bulletin: "The acreage of wheat now growing for 1916 crop will be about three-fourths of that of the area cut in 1915, and will also be less than the acreage in 1914. In some localities the land was too wet for early sowing, and considerable of the seed was put in later than usual, the result being that a portion of the crop has not as much top at present as is generally seen. The fields look thrifty on the whole, however, and the crop promises to enter the winter in vigorous shape."

**SPRING WHEAT.** "This crop, unlike the other cereals, has been losing in favor, especially in the western part of the Province, but there has been an increase in acreage this war year," said the August bulletin. "The yield per acre will be relatively large, but the quality of the grain will be more or less affected by harvest conditions, which were practically the same as those of fall wheat. Grasshoppers also did injury to this crop in some of the St. Lawrence and Ottawa counties. Cutting began in the last week of July, but some was yet uncut when reports were sent in."

Returns made by correspondents in November were to the effect that spring wheat had an experience similar to that of fall wheat: a good yield, but an uneven quality of grain, owing to the wet weather at harvesting.

**BARLEY.** The August bulletin remarked: "A large yield of plump grain per acre, much of it discolored, with the gathering in difficult and slow owing to 'lodging' and other untoward harvesting conditions already described, tells the story of this crop. Harvesting started in the last week of July and was still in progress at the end of the second week of August."

According to November reports there was a splendid yield of barley, but much of it was discolored by the rain. As most of the barley is now fed to stock the matter of color is of much less importance than when the crop was raised chiefly for malting purposes.

**OATS.** "As most of the oats were standing when the heaviest rain storms came," said the August bulletin, "the crop suffered perhaps more than any other of the grains from this cause. The yield per acre is reported to be large, although some speak of the grain as having a tendency to shell in the field, where much of the crop has been lying out awaiting more favorable weather for hauling in. Smut has been more frequently reported than usual, and several correspondents attribute this to the neglect of treating the seed with formalin. Some of the straw has been broken, and will hardly be up to the average in feeding quality. Harvesting has been going on from the beginning of August, and will continue well into the third week. Cutting was extremely difficult on the soft land until the 12th of the month, and the unusually wet condition of some fields has caused trouble all along."

Dealing with oats, the November bulletin said: "This crop, like other cereals, suffered from wet weather—perhaps more so—yet the net result is on the whole satisfactory. The yield per acre is much over the average in spite of the fact that a good deal of the crop was knocked down by the heavy rain storms, and that owing to delayed harvesting there was considerable shelling. The grain on the whole is of good weight and general quality, especially where the seed was treated for smut, which was more in evidence than for many years in some localities. Rust was also complained of by several correspondents."

**WINTER RYE.** According to the April bulletin rye appeared to have come better through the winter than either wheat or clover, and gave promise of being a good crop.

"This is not now regarded by the majority of farmers as a regular grain crop. Its experience this season has been practically identical with that of fall wheat," was the statement made in the August bulletin concerning rye.

The comment regarding rye appearing in the November bulletin was also brief: "This is not a popular crop where raised for grain, but the season's result in both yield and quality is about an average."

**PEAS.** Except where grown for canning factories, peas are decreasing in popularity. The August bulletin said: "While there was too much rain for best results the crop is regarded as doing fairly well, although complaints are made by some of late podding and of mildew. The pea aphid is still reported in several districts east and west. Most of the regular field peas remain to be pulled."

The November bulletin thus referred to peas: "This crop is rapidly decreasing in favor in Ontario, and although an average yield is reported, farmers do not appear to be enthusiastic over the results. It is a satisfaction to know, however, that little or nothing is said about the weevil."

**BUCKWHEAT.** Buckwheat has been gaining in favor of late years, but the experience of this season has not been encouraging. There was a rank growth of straw, but the general quality of the grain was not up to the mark. Some of the crop was caught by frost, and a number of fields were difficult to harvest on account of being flattened by rain and windstorms.

**MIXED GRAINS.** Late barley and early oats are named as the grain mixture that is best for growing together, ripening most evenly, and giving the best feeding value for live stock. The practice is strongly recommended by some correspondents.

**BEANS.** August reports regarding beans were not satisfactory. The crop was not expected to be up to the mark either in yield or quality. Late planted fields looked best. The ground had been too wet for cultivation, which was much missed. Complaints were also made of insect pests and rust.

The November bulletin said of beans: "The season was too wet for the best results, for while the yield will be about an average, the beans are more discolored than for many years, and with this crop appearance is a very important factor."

**CORN.** A cold June and a wet, dull July told against corn in its first stages. "The consequence is," remarked the August bulletin, "that the crop is about a week backward, and is rather uneven, especially on low land. Considerable corn has been blown over by rainstorms, and cutting will likely be more difficult than usual. The wet midsummer also prevented proper cultivation, and corn fields became very weedy. The white grub and wire worm were reported in a few places as causing injury, but correspondents are this year silent regarding the crop. Corn is now doing well, and favorable weather from now on may yet redeem the situation."

The November bulletin had the following regarding the crop: "Reports vary as to the quality of corn, there being some complaints of soft cobbing owing to the long rainy season; but taken all together the crop may be counted a satisfactory one. Silo corn has done relatively better than that grown for husking, and this year's ensilage will be unusually well cobbled. Some late corn got caught by frost, but the amount of actual injury from this cause is not reported to be serious. Cutting was more difficult than usual, as much of the crop had been blown over by rain storms."



## HAY AND CLOVER.

"Clover did not make a good catch last year," said the April bulletin, "especially in the eastern portion of the Province, owing to the unusually dry summer, and as a consequence new fields were not so well prepared for the trying open spring weather. More or less heaving has occurred in every district, and while a number of correspondents report fields as giving good promise the prospects of the crop, taken as a whole, are not so encouraging as might be desired. However, favorable spring weather may yet put a brighter face on the situation."

According to the May returns nearly all the injury to clover occurred from drouth either last year or the season before, as the crop wintered well. While some spring heaving was reported, it was not so serious as usual, and the remarkably early growth had very fully compensated for any losses in that way. The crop was then looking unusually well, although thin on the ground in places, owing to the poor catch at sowing. Taken all together the May reports regarding clover were the most cheerful for years.

The August bulletin said: "The first cutting of hay will be heavier than that of the last two years, although not up to the average of the Province for the thirty-three years 1882-1914. Several correspondents, however, look for an unusually large second cut. Those who cleared their fields early were fortunate, as owing to the rainy weather the hay harvest dragged through the latter part of July in many localities, making curing difficult, and in some cases almost impossible. On low lying lands there was trouble in working the reaper. The season has been a good one for 'seeding down,' however, and new meadows are receiving a more favorable start than for years. Alfalfa has done well this season."

**CLOVER SEED.** Clover did better for a second cutting of hay than it did for seed. Threshing results have been comparatively light. The frequent rains made too rank a growth of plant, and much of the seed failed to mature, notwithstanding the promising bloom. Alsike was much better for seed than red clover.

**ALFALFA.** Like clover, this crop had a poor catch last year, but otherwise it came through the winter and spring in fair condition. It appears to be steadily growing in favor as a fodder crop, although some unfavorable reports have been received as to its suitability to local conditions.

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## FIELD ROOTS.

**POTATOES.** The August bulletin said: "At the time of reporting, potatoes gave promise of an unusually good yield. The tubers so far are generally a fine sample, although already some complaints are made of rot and blight, and more is feared where the fields are low-lying or poorly drained, as the land there is still very wet. The tops have grown unusually long this season, and owing to the frequent rains washing off the poison-sprays the "bugs" have been very plentiful in many quarters."

The November returns were thus summarized: "This crop was a most promising one early in the season, but the unusually wet condition of the soil, especially on heavy clay land and in low-lying spots, induced rot to such an extent that the net result may be termed a failure. Some fields are described as not being



worth digging, and others as barely returning seed, while a few correspondents report excellent yields on high sandy ground. Early planted potatoes did much better than those put in later."

**ROOTS.** The following appeared in the August bulletin: "Taking the Province over, all classes of roots look well. In fact, many fields are found with too heavy a growth of top. The rows, also, are very weedy, as in most cases cultivation was almost impossible. There were complaints of poor germination of mangel seed in some sections of the Lake Huron district, and of injury to roots by the cut-worm in Lennox and Addington; but these and other minor drawbacks were only local in character, and do not seriously affect the general good outlook for the root crops."

The November bulletin had the following regarding roots, according to class:

**TURNIPS.** This class of roots may be described as a fairly good crop in every way. While all other roots were housed somewhat earlier than usual, some fields of turnips remained to be got under cover.

**MANGELS.** Mangels are relatively a better crop than turnips, the description of the crop running from fair to excellent.

**CARROTS.** Field carrots are not now largely raised, but they have done fairly well this season.

**SUGAR BEETS.** This crop shows an increased acreage, and the general quality of the roots was good, while the yield per acre was about an average.

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### MISCELLANEOUS.

**TOBACCO.** "This crop, which is grown chiefly in the County of Essex, has had a rather unfavorable experience so far," said the August bulletin, "the early summer having been too wet and cool for best results. It will require almost continuous good weather now to bring the crop along to a satisfactory condition."

According to November returns the growing of tobacco was decreasing in favor. Some correspondents spoke of a fair yield of good quality, but the general result had not been encouraging, owing chiefly to the rough, rainy weather of August.

**FLAX.** The acreage given to this crop is now very small. Harvesting was delayed by rains, which also caused considerable lodging, but some of the crop had been pulled when correspondents wrote about the middle of August. A few of the returns described the stalks as being rather short and uneven, but others spoke of the crop generally as looking well. In a few localities early frosts wrought injury to the young fields.

**THRESHING AND MARKETING.** "Threshing has been later than usual," said the November bulletin, "chiefly on account of the delayed harvest, but also because of the largely increased acreage of grain crops. While some place threshing as only about two-thirds done, many correspondents report operations as completed. Marketing has not been heavy, as unsatisfactory prices for grain and tempting offers for all classes of live stock have induced most of the practical men to feed grain in large quantities—to 'market on foot,' as one correspondent pointedly puts it. While much of the grain is rather soft for milling purposes, there is enough of first-class quality on hand to meet the demand, should the market prices take an upward turn."

**FALL PLOWING.** The November bulletin stated: "The gathering of the unusually heavy harvest, made more tardy still by the almost continuous wet weather then prevailing, has thrown all fall work on the farm more or less late. The land is also heavier than usual for plowing, especially on clays, being somewhat sodden on low-lying fields, or packed hard where dry, owing to the heavy pounding of the frequent rains. The weather, however, was promising as later correspondents wrote, and plows were going lively all over the Province during the first week of November, with good prospects of catching up to the acreage desired to be turned under."

**FARM IMPROVEMENTS.** Tile draining is described by a correspondent as "A mortgage-lifting scheme," and judging by the number of traction ditchers reported to be at work in the Province this year many farmers agree with that sentiment. The very wet season, however, while emphasizing the need for field draining, hindered the work greatly, but a considerable quantity of tile was laid by hand as well as by machine, and the probability is that next year will see more draining than ever done by farmers. A fair amount of improvement has been made in farm dwellings, barns, etc., and considerable wire fencing has been done, but not so much as usual, owing to the heavy work of harvesting, the long spells of wet weather, and the fact that many young men have left the farm during the year for the battle front.

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### FRUIT AND FRUIT TREES.

The following was contained in the April bulletin: "Fruit trees so far have not suffered much from the winter, especially where care has been given the orchards, although complaints of serious injury from San José Scale come from some of the Lake Erie counties. A few complaints have been made of injury to peach buds in some localities in south-western Ontario, but so far the peach orchards of the Niagara peninsula have been practically unscathed from this cause. Several reports were made of girdling of young fruit trees by rabbits and mice, more especially in the county of York. Fruit bushes have come through the winter in good shape, but some correspondents speak of injury to strawberries from severe open weather in March where not mulched."

The May bulletin said: "Correspondents making returns regarding fruit conditions up to the 15th of May report prospects as generally favorable. Peaches, cherries, and plums had been in generous blossom, and in most instances had set safely, while apples and pears were coming into bloom, although not so profusely. Up to that date practically no injury had been done by cold spring weather, and it is thought that the light frosts since reported will do little damage to the tree fruits. More anxiety is felt regarding strawberries, as in some places between Toronto and Hamilton the old fields, which blossom first, were caught by late frosts, although the newer fields, planted last spring, largely escaped. Up to the time of writing injury to strawberries in the Niagara district is said to be comparatively light. Bush fruits and vines are promising, although some complaints have been received of the winter-killing of raspberries. The presence of the tent caterpillar is noted in several counties."

August returns were to the following effect: "Late frosts at the time of blossoming caught a number of fruit trees. Winter apples will be scarce, while fall and summer varieties are in fair quantities, although there have been many wind-

falls. A number of complaints are made of scab, and in some of the St. Lawrence and Ottawa counties the tent caterpillar is reported as having done considerable injury. Pears, like apples, will be only a moderate crop. Peaches will be fair in yield and so far promise to be of fine quality. Plums range from poor to plentiful in yield, according to location and variety, and the same may be said of cherries. Grapes are also a variable crop, many vines having been caught by frost this spring. Small fruits generally were generous in yield, although many of the strawberries and raspberries were more or less unfit for market owing to the rains hindering picking at the time of ripening."

The November bulletin said: "Where orchards have been taken care of they have done well, but where untreated the San José Scale and the tent caterpillar have wrought considerable harm. There has been a comparatively small yield of apples, especially of the winter-keeping varieties. The high winds in the late summer caused many windfalls. Pears were in fair quantity, while plums and peaches were more plentiful, and of excellent quality. Grapes were only medium in yield, and were unusually slow in ripening, but escaped serious attacks of frost. Small fruits did well, although considerably affected by rain at ripening."

#### PASTURES, LIVE STOCK, AND THE DAIRY.

The wintering of live stock, owing to the light hay crop and the poor summer pastures of last year, depended largely upon ensilage, straw, roots and other roughage, of which, happily, there was more than an average supply, as many farmers were chary in using grain owing to the high prices prevailing during the winter. The following regarding live stock appeared in the April bulletin:

"As a class horses have come through in generally good shape, although a number of minor cases of distemper have been reported. Working horses, particularly, are said to be in excellent fettle, although perhaps not so heavy as usual, as owners have in most cases been sparing with feed.

"Cattle also have come through the winter in fair condition—healthy but somewhat thinner than might be desired, owing to the high price of grains and mill feeds. All ailments have been of local nature, no serious outbreak of disease being reported. Fat cattle were picked up in large numbers in the fall—some of them rather unfinished—especially in counties near the border; but in some sections a fair supply is yet on hand. Store cattle are not so plentiful as formerly, and graziers are anxious to get them on the grass owing to the scarcity of hay and the high value of grain. Many of these animals are younger than usual, and some correspondents point out that, owing to the large number of milch cows now in use, grazing cattle are tending more toward the dairy type. It is also stated that farmers are holding on to their cows in the dairy counties owing to the good prospects for cheese, and that more calves are being retained than formerly.

"Sheep have been wintered better than any other class of live stock. They are doing well, and lambs are coming strong. The dread of the dog, however, is very apparent in reports of correspondents, and it acts as a brake on progress of the sheep industry of the Province.

"Hogs have been kept thinner than usual, but it is said that they have suffered less from crippling than for several winters past. The high cost of grain has caused many animals to be turned off in a somewhat unfinished state. A few spring pigs have died, but no serious disease is at present affecting swine."



The August bulletin said: "The frequent rains since the second week of July made good midsummer pastures. In fact, the fields have been so soaked in most localities that the grass, while very succulent, is said to be somewhat lacking in substance. Pastures are now promising in appearance, although some report that the tramping of the grazing animals in the soft fields has done more injury than usual to the growing grass. There are good prospects for fall and winter fodder supplies should silo corn, which is a little late in growth, safely mature, but some fear that much of the straw, for both fodder and bedding, will be inferior in quality owing to long exposure in the fields. Live stock have practically a clean bill of health, and are generally thrifty in appearance. The remarks of correspondents on the dairy situation are on the whole most cheerful, owing to the present good flow of milk and the brisk demand for all its products. Some correspondents are concerned over the scarcity of young cattle to renew the dairy herds."

November reports regarding live stock and their prospects were cheerful: "Fall pastures were never better in the opinion of those reporting. The consequence is that all classes of live stock are in good form, with remarkable freedom from disease. Many young cattle, mainly two-year-olds, have been sold off the grass, and more calves are being kept than in former years. There are not more than enough bees on hand for the expected call. Sheep have been in good demand, especially in the matter of lambs, which in many cases are now finished off on rape. Hogs are being shipped regularly, and while some correspondents report a scarcity of young pigs, others claim that there is a normal supply on hand. Silos are being erected all over the Province in larger numbers than ever."

**METHODS OF FEEDING.** The April bulletin had the following: "Nearly every farmer has his own plan of feeding, and the methods reported vary from careful stall care, the ration being well balanced and nourishing, to a feed of chopped straw and ensilage or some other roughage, with perhaps a trifle of hay or crushed grain, just sufficient to bring the animals over to the grass. Some breeders of sheep and cattle speak well of rape for fall pasture, while advocates of the silo for general use are more enthusiastic than ever. There does not appear to be as much grain fed to live stock as in more recent years, except where they were being finished for delivery. Judging by the reports of correspondents, however, it is plain that a great advance has been made during the last few years in the economic wintering of all classes of stock while yet bringing them through in fair shape for early pastures."

**FODDER SUPPLIES IN APRIL.** The bulletin issued in that month said: "The fodder supply at the present time is largely a matter of local—or individual—experience. Hay and straw, where not too freely sold to pressers at tempting prices, will be sufficient in most cases, and there will also be enough coarse grains on hand to meet requirements. Progressive farmers have an ample supply of roots for all needs, while the excellent crop of corn last year ensures an abundance of either ensilage or dry fodder. In this connection a correspondent tersely remarks: 'Ensilage solves the feed problem.'"

**FODDER SUPPLIES IN MAY.** The May bulletin said: "There will be a sufficiency of grain, hay, and other fodders to meet all demands on the farm, and in some quarters a surplus for market if the prices there pay better than feeding does. Of course there has been a pinch in some individual cases, but most Ontario farmers are now experienced and wise in the matter of wintering live stock. The shortage of straw was felt in some localities, but the other fodders were well supplemented by the good corn supply. The early grass has been helping out the hay nicely."

**FODDER SUPPLIES IN NOVEMBER.** Late fall conditions were thus summarized: "There is a relatively large supply of fodder on hand, owing to the fine crop of corn and the large quantity of grain caught by the wet weather and rendered inferior for marketing purposes, but good for feeding to live stock. Neither hay nor straw are up to the standard in feeding quality. The usual quantities of mill feeds, such as bran and shorts, and gluten, linseed and cottonseed meals, oil cake, etc., will be purchased to balance or enrich the rations."

**DAIRYING.** The following, touching more particularly upon dairying, appeared in the November bulletin: "This year the milch cow is queen. The Province never has had such a season for dairy products. Owing to the excellent condition of pastures up to the present the flow of milk has been unusually full and steady, and in some factories as much cheese was made in October as in August. In fact, cheese factories, creameries, and condenseries have been going ahead all season at full speed, the product being generally of good quality, and the prices most satisfactory to producers. As a Norfolk county correspondent tersely puts it: 'The dairy business is all right.' Holsteins are the most popular breed of dairy cattle in Ontario."

**POULTRY.** Correspondents are divided regarding the profit from fowl, and many poultry keepers make no record whatever of results. Several correspondents, however, place the net gain per hen per annum at a dollar. Pure-bred fowl are being kept in greater numbers by farmers, some attributing this to the influence of school fairs, while better care is also given on this account. This season there have been more complaints than usual of poor hatching. There has been a good demand for crate-fattened fowl, and geese appear to be coming more into favor with farmers; but turkeys do not seem to be so popular as formerly.

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### PATRIOTISM AND PRODUCTION.

The strong desire of the agricultural authorities, both federal and provincial, to increase the amount of production in both field and stable, owing to the war conditions then prevailing, led to a vigorous campaign among farmers during the fall and winter of 1914-15 along the lines of what was called "Patriotism and Production." The following regarding the results of this movement appeared in the April bulletin:

"Correspondents are not unanimous regarding the response to the call for a larger production. A few are outspoken against the movement, fearing over-production with a lowering of prices, but the great majority of those reporting heartily endorse the 'Patriotism and Production' idea, and it is certain that there will be a substantial gain in the quantity of most of the commodities raised this year on Ontario farms.

"Fall wheat already shows a decidedly increased area. More fall plowing than usual was done, much of it with old sod, and while this may mean an increase of grain (especially of oats), and of corn or roots, it will also mean to some extent less pasture. In the cannery districts a smaller acreage will be devoted to supplying the factories and more attention will be given to raising general farm crops. The cheese season will be earlier than usual, and this will require an increased production of milk and consequently a greater consumption of fodders.



"Several correspondents point out that some of the gain in crop production will come not so much from an enlarged area as from a better selection of seed, a more careful preparation of the seed-bed, and a more thorough cultivation of the growing crops. They say that poor seed and poor tillage have been responsible for many of the poor yields of the past.

"One drawback to farm crop development is the lack of competent labor, for while help is offering fairly freely it often lacks quality.

"Not only in field work, but in the orchard and the stable, the idea of improvement and increase seems to have taken hold of many, and the year 1915 promises to be one of the busiest in history of the agriculture of the Province."

STATISTICS. The following table gives the total numbers and value of the several classes of live stock and poultry on hand July 1st, 1915, together with live stock sold or slaughtered in the year preceding that date:

Live Stock.	Live stock on hand, July 1, 1915.		Sold or slaughtered in year ending June 30, 1915.	
	No.	Value.	No.	Value.
Horses (all ages) .....	779,131	\$ 107,982,037	75,527	\$ 11,003,822
Cattle:—				
Milch cows .....	1,022,518	62,196,964	875,394	43,678,233
Other cattle .....	1,652,228	53,166,372		
Sheep and lambs .....	908,095	6,403,907	489,320	3,289,701
Swine (all ages) .....	1,769,295	17,562,726	2,110,936	31,628,772
Poultry (all kinds) .....	14,273,091	7,670,326	6,764,069	4,161,695
Totals:				
1915 .....		254,982,332		93,762,223
1914 .....		250,870,078		93,017,235
1913 .....		237,591,885		89,651,016
1912 .....		225,848,942		84,982,339
1911 .....		214,720,424		80,675,890
1910 .....		194,416,037		71,833,731

The values for the several classes of poultry on hand July 1st, 1915, were as follows: Turkeys, \$756,837; geese, \$455,532; ducks, \$282,589; other fowl, \$6,175,368.

VALUE PER HEAD. The following table gives the average value per head of live stock and poultry for 1914 and 1915, and at five-year intervals.

Live Stock.	Live stock on hand July 1.					Sold or slaughtered in year ending June 30.				
	1915	1914	1910	1905	1900	1915	1914	1910	1905	1900
Horses (all ages) .....	\$ 139	\$ 145	\$ 128	\$ 110	\$ 76	\$ 146	\$ 154	\$ 136	\$ 119	\$ 79
Cattle:—	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.
Milch cows .....	60 83	57 01	40 76	35 03	31 01	49 90	47 14	37 44	36 23	32 12
Other cattle .....	32 18	30 81	22 43	21 29	17 93	6 72	6 29	5 36	4 28	3 64
Sheep and lambs .....	7 05	6 67	5 75	4 68	4 29	14 98	15 26	12 49	9 79	7 69
Swine (all ages) .....	9 93	10 14	8 50	6 44	5 42	62	62	51	39	37
Poultry (all kinds) .....	54	53	43	34	29					



### LABOR AND WAGES.

In dealing with this question the August bulletin said: "On some farms there was at times an actual scarcity of help, owing to remoteness from centres of population or the rush to get in the grain during the short open weather; but on the whole there has been a sufficiency of farm labor this summer, although much of it was lacking in quality. Farmers are trying to meet the help question by using more labor-saving machinery, exchanging work with neighbors, and using all the members of the family—sometimes the females—at busy periods in the fields. There is also more planning to raise a line of crops that will require less help in handling. Farmers' sons are said to be more numerous at home than in recent years, owing to slack business conditions in the cities and towns. Wages during harvest are about as usual, running from \$1.25 to \$2.00 a day (with board), and from \$20.00 to \$35.00 a month, according to the experience and quality of the worker."

The November bulletin stated: "During the early part of the season there was a sufficiency of farm labor, much of it of an indifferent quality, but a considerable number of young men have enlisted from Ontario farms, and in many quarters there was a scarcity of labor for fall work, which has been heavier than usual, owing to the big and very much delayed harvest. Wages are not likely to rise or fall materially, except where local conditions may influence for the time being. Farmers are again putting more land into pasture, which will require less help, and improved machinery is steadily diminishing the demand for manual labor. It is almost impossible to secure domestic servants for rural districts."

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## TEMPERATURE OF 1915.

TABLE I.—Showing for each month the highest, lowest, mean daily range and mean temperature at the principal stations in Ontario for 1915; also the annual mean for each station.

Months.	Southampton.	Chatham.	London.	Woodstock.	Stoney Creek.	Toronto.	Lindsay.	Gravenhurst.	Ottawa.	Haileybury.
January:										
Highest.....	40.4	42.0	41.0	42.5	46.0	46.7	40.6	40.0	41.5	46.0
Lowest.....	- 0.1	-17.0	-21.0	-18.0	- 3.0	- 1.0	-17.0	-34.0	-24.0	-35.0
Daily range.....	13.3	15.2	17.2	16.0	13.7	14.1	18.4	21.6	16.0	20.4
Monthly mean.....	20.9	21.8	19.2	18.3	23.4	23.7	17.3	15.4	15.3	11.7
February:										
Highest.....	47.0	55.0	48.0	43.0	44.0	42.3	43.2	47.0	41.0	42.0
Lowest.....	- 2.0	- 3.0	- 3.0	- 8.5	- 6.0	- 2.9	-14.0	-22.0	-12.0	-20.0
Daily range.....	25.4	15.1	14.2	14.4	12.1	11.5	17.9	23.6	14.9	26.6
Monthly mean.....	19.7	30.0	26.2	23.6	25.6	26.0	20.6	18.8	19.8	16.7
March:										
Highest.....	42.8	56.0	52.0	45.0	49.0	49.0	49.1	46.0	45.0	51.0
Lowest.....	10.1	10.0	- 8.0	- 7.0	14.0	10.6	- 2.5	- 2.0	- 4.0	- 5.0
Daily range.....	12.4	17.8	17.0	15.3	13.3	15.1	18.7	23.0	16.0	21.7
Monthly mean.....	25.5	32.3	28.7	27.4	30.3	30.0	25.3	21.9	26.4	23.9
April:										
Highest.....	31.0	91.0	87.0	83.0	83.0	83.7	87.4	84.0	86.2	88.0
Lowest.....	23.1	25.0	21.0	23.0	26.0	26.5	21.6	15.0	26.0	15.0
Daily range.....	18.0	23.9	23.1	19.8	20.1	19.0	23.2	26.4	20.4	26.7
Monthly mean.....	46.9	52.6	48.1	48.9	50.0	49.8	48.3	45.0	49.0	47.2
May:										
Highest.....	76.2	79.0	78.0	73.5	79.0	74.4	78.1	77.0	75.0	79.0
Lowest.....	28.1	30.0	27.0	30.0	31.0	32.9	27.9	23.0	33.0	26.0
Daily range.....	19.8	22.3	24.2	19.9	21.0	19.1	23.5	26.3	20.0	25.9
Monthly mean.....	48.3	53.9	52.1	50.3	52.0	52.1	50.8	48.2	51.6	49.2
June:										
Highest.....	86.0	88.0	87.0	82.0	83.0	82.0	86.0	84.0	85.0	90.0
Lowest.....	36.1	35.0	34.0	36.0	38.0	42.9	38.1	35.0	47.0	37.0
Daily range.....	19.9	25.2	26.1	21.7	21.3	21.8	27.4	28.5	21.5	27.4
Monthly mean.....	57.8	64.2	61.9	59.7	59.8	62.2	61.4	58.4	63.5	60.9
July:										
Highest.....	82.9	92.0	89.0	82.0	89.0	86.5	88.6	87.0	88.0	90.0
Lowest.....	46.2	48.0	45.0	46.0	49.0	50.9	45.5	43.0	49.5	42.0
Daily range.....	16.0	21.6	21.3	17.1	19.3	18.2	23.5	27.3	20.0	28.1
Monthly mean.....	63.9	70.9	68.2	66.0	68.6	68.4	66.5	63.6	67.6	64.9
August:										
Highest.....	82.9	92.0	89.0	82.0	89.0	86.5	88.6	87.0	88.0	90.0
Lowest.....	38.6	38.0	35.0	37.0	41.0	40.2	36.0	32.0	40.0	35.0
Daily range.....	13.2	20.9	20.3	15.0	15.5	16.3	22.0	21.5	15.8	20.6
Monthly mean.....	61.8	68.0	65.6	64.1	66.8	66.3	62.0	62.2	63.1	62.3
September:										
Highest.....	87.3	91.0	89.0	84.0	88.0	87.3	85.9	87.0	88.0	89.0
Lowest.....	32.9	34.0	29.0	32.0	35.0	31.4	29.0	26.0	36.0	30.0
Daily range.....	18.1	21.4	23.0	16.9	18.9	19.2	23.9	23.7	18.7	21.5
Monthly mean.....	60.1	66.5	63.2	61.6	63.9	63.3	60.1	57.8	60.8	58.1
October:										
Highest.....	77.0	79.0	76.0	73.0	77.0	73.7	72.7	71.0	71.5	73.0
Lowest.....	28.1	27.0	24.0	27.0	29.0	30.2	23.9	23.0	26.5	23.0
Daily range.....	15.1	19.6	20.2	15.7	17.8	16.3	20.2	20.5	16.9	18.2
Monthly mean.....	50.4	54.0	50.1	49.1	52.4	51.9	48.4	47.1	49.2	47.3
November:										
Highest.....	66.0	69.0	64.0	64.0	65.0	61.3	59.1	62.0	61.0	59.0
Lowest.....	16.0	25.0	22.0	21.0	20.0	23.7	11.8	12.0	16.5	- 9.0
Daily range.....	13.2	14.6	15.0	13.1	14.1	11.8	17.1	14.0	12.2	11.2
Monthly mean.....	39.9	42.3	39.4	37.9	40.5	40.7	44.0	37.1	35.6	33.4
December:										
Highest.....	38.4	43.0	37.0	40.3	49.0	40.6	40.1	37.0	37.0	32.0
Lowest.....	- 5.9	12.0	- 2.0	- 1.0	- 5.0	- 9.8	- 8.5	- 9.0	- 8.5	- 11.0
Daily range.....	10.2	11.3	11.3	10.9	10.8	10.8	16.7	15.7	13.0	14.3
Monthly mean.....	26.5	28.3	25.1	24.5	27.8	27.6	21.4	20.0	21.0	17.0
Annual mean.....	43.6	48.7	45.7	44.3	46.8	46.8	43.8	41.3	43.6	41.0

## AVERAGE TEMPERATURE FOR THIRTY-FOUR YEARS.

TABLE II.—Showing for each month the monthly average for the highest, lowest, mean daily range and the mean temperature at the principal stations in Ontario, derived from the thirty-four years, 1882-1915; also the annual mean at each station for the same period.

Months.	Southampton.	Chatham.	London.	Woodstock.	Stoney Creek.	Toronto.	Lindsay.	Gravenhurst.	Ottawa.	Haileybury.
January:	°	°	°	°	°	°	°	°	°	°
Highest.....	44.9	46.3	46.6	46.6	50.7	45.6	41.9	41.7	40.4	38.3
Lowest.....	-6.7	-9.2	-10.1	-11.2	-4.6	-7.3	-20.3	-27.6	-21.3	33.7
Daily range.....	14.6	12.1	15.1	16.4	14.3	14.5	17.7	20.6	17.8	23.6
Monthly mean.....	21.1	21.4	21.6	20.3	25.3	22.3	16.0	14.2	11.2	6.7
February:	°	°	°	°	°	°	°	°	°	°
Highest.....	44.3	46.7	46.2	45.3	47.9	44.5	41.9	42.1	40.1	41.3
Lowest.....	-11.6	-11.3	-11.2	-11.4	-6.4	-8.1	-18.6	-27.6	-20.6	34.7
Daily range.....	16.9	13.9	16.8	17.1	15.5	15.3	19.6	22.4	18.4	23.3
Monthly mean.....	19.0	19.8	20.1	19.0	22.6	20.9	15.3	13.6	12.5	9.6
March:	°	°	°	°	°	°	°	°	°	°
Highest.....	53.8	57.9	58.3	56.1	59.7	56.0	51.5	50.6	48.2	50.6
Lowest.....	-2.8	-1.3	-0.2	-1.0	5.6	4.1	-6.4	-13.7	-8.0	23.1
Daily range.....	17.1	14.8	17.4	17.4	15.1	14.6	18.4	21.4	17.4	25.7
Monthly mean.....	26.9	29.1	29.4	27.8	32.3	29.5	25.7	23.3	24.0	20.3
April:	°	°	°	°	°	°	°	°	°	°
Highest.....	73.1	76.8	76.6	75.0	77.3	71.5	74.4	71.7	73.7	73.7
Lowest.....	16.2	18.1	18.5	17.2	23.0	21.2	13.9	10.8	15.1	6.2
Daily range.....	17.9	18.1	20.7	20.5	17.5	16.9	21.2	21.3	19.4	24.5
Monthly mean.....	40.5	43.4	43.3	42.4	44.6	42.7	41.5	39.4	41.2	38.6
May:	°	°	°	°	°	°	°	°	°	°
Highest.....	80.4	82.3	82.8	81.0	84.6	79.7	82.6	81.2	82.8	84.1
Lowest.....	28.3	29.0	29.3	28.9	33.1	31.8	28.0	26.6	31.0	23.9
Daily range.....	19.7	20.8	22.7	22.2	20.3	19.1	23.9	23.2	22.2	26.5
Monthly mean.....	51.2	55.0	55.4	53.8	55.1	53.7	54.0	52.3	54.9	51.8
June:	°	°	°	°	°	°	°	°	°	°
Highest.....	85.5	88.2	88.6	87.1	91.7	87.5	88.8	87.2	87.8	89.5
Lowest.....	37.3	37.3	37.6	38.1	41.8	42.3	38.8	36.0	41.7	33.5
Daily range.....	20.1	21.6	23.4	23.2	21.8	20.3	24.9	24.5	21.6	27.3
Monthly mean.....	60.7	64.3	64.8	63.4	65.7	63.9	63.6	62.3	64.6	61.6
July:	°	°	°	°	°	°	°	°	°	°
Highest.....	87.1	91.8	91.8	89.7	95.1	91.0	91.5	89.3	90.7	91.4
Lowest.....	43.6	43.1	43.8	44.1	48.5	48.4	43.9	42.3	47.8	40.5
Daily range.....	20.3	21.9	23.3	23.4	21.8	20.3	24.5	23.4	20.5	25.6
Monthly mean.....	66.4	68.8	68.9	67.5	71.5	68.9	67.8	66.6	68.7	65.4
August:	°	°	°	°	°	°	°	°	°	°
Highest.....	86.0	89.5	90.1	88.3	92.7	88.2	89.6	87.6	87.8	87.9
Lowest.....	41.7	42.0	40.5	41.4	46.0	46.2	40.3	38.5	43.5	37.3
Daily range.....	18.3	20.8	23.4	24.1	21.4	22.2	24.2	23.1	20.3	24.2
Monthly mean.....	64.5	66.4	66.3	64.7	69.1	65.4	65.3	64.1	65.6	62.5
September:	°	°	°	°	°	°	°	°	°	°
Highest.....	85.0	86.9	86.8	85.6	90.2	85.0	86.0	83.9	84.2	83.8
Lowest.....	34.2	34.1	31.9	31.6	36.5	36.5	31.5	30.5	33.4	29.2
Daily range.....	18.4	19.6	22.4	22.5	20.8	18.7	22.8	22.1	20.0	23.5
Monthly mean.....	59.2	60.9	60.7	59.2	63.0	60.4	58.3	57.6	58.1	55.6
October:	°	°	°	°	°	°	°	°	°	°
Highest.....	74.5	75.6	76.0	74.3	77.5	73.2	74.2	72.6	71.2	73.3
Lowest.....	25.4	25.1	23.5	23.4	26.3	26.3	21.3	21.3	24.4	17.6
Daily range.....	16.3	16.4	20.0	19.4	19.1	16.4	19.5	18.9	17.0	19.9
Monthly mean.....	48.1	49.0	48.3	47.0	51.1	48.5	46.3	45.9	45.8	43.4
November:	°	°	°	°	°	°	°	°	°	°
Highest.....	61.3	62.8	62.2	61.5	65.3	60.0	59.2	58.8	57.7	55.8
Lowest.....	14.8	13.7	13.1	11.8	17.7	15.7	6.6	7.4	7.4	0.2
Daily range.....	13.2	12.0	14.8	15.1	14.3	12.9	15.0	14.7	13.1	14.8
Monthly mean.....	37.0	37.1	36.9	35.7	39.6	37.4	33.8	33.3	33.2	29.5
December:	°	°	°	°	°	°	°	°	°	°
Highest.....	49.3	48.8	52.9	49.0	53.6	48.4	45.2	44.7	42.4	44.2
Lowest.....	0.5	-0.3	-2.3	-3.2	-1.0	-0.8	-13.2	-14.5	-15.2	-24.6
Daily range.....	12.7	10.7	13.3	14.0	12.8	12.7	15.7	16.8	15.0	19.4
Monthly mean.....	27.0	26.5	26.5	25.2	29.4	27.5	21.5	21.0	17.7	14.4
Annual mean.....	43.5	45.1	45.2	43.8	47.4	45.1	42.4	41.1	41.4	38.3



## RAIN AND SNOW.

TABLE III.—Summary of the total fall of rain and snow, and the number of days on which rain and snow fell in Ontario, during 1915, at stations reporting the whole year, and the average for the Province.

Stations	Rain.		Snow.		Stations	Rain.		Snow.	
	Inches	Days	Inches	Days		Inches	Days	Inches	Days
ALGOMA:					ONTARIO:				
Biscotasing .....	19.72	86	67.7	48	Uxbridge.....	25.14	93	55.5	21
BRANT:					OXFORD:				
Paris.....	21.19	81	63.8	23	Woodstock.....	30.73	105	70.8	40
BRUCE:					PARRY SOUND:				
North Bruce .....	23.90	94	49.1	47	Emsdale.....	26.35	97	59.3	32
Southampton.....	22.89	115	102.4	61	Parry Sound .....	23.47	106	69.5	37
Warton.....	21.38	61	60.0	20	PEEL:				
CARLETON:					Alton.....	29.51	80	68.3	32
Ottawa.....	26.84	100	85.7	42	PERTH:				
DUFFERIN:					Listowel.....	28.12	50	76.0	26
Grand Valley .....	26.33	80	53.5	28	PETERBOROUGH:				
DUNDAS:					Peterborough.....	24.50	76	47.2	19
Morrisburg.....	29.55	76	62.3	26	PRINCE EDWARD:				
ELGIN:					Bloomfield.....	25.37	64	39.5	12
Port Burwell .....	32.48	81	40.5	22	Hillier.....	27.00	61	42.2	13
Port Stanley .....	32.69	138	67.0	62	RAINY RIVER:				
ESSEX:					Ignace.....	21.65	68	107.9	32
Cottam.....	37.21	89	34.0	18	Lac Seul .....	17.89	52	40.3	24
Windsor.....	33.76	91	28.7	17	Mine Centre .....	35.83	72	44.3	27
FRONTENAC:					RENFREW:				
Kingston.....	22.95	101	29.8	29	Renfrew.....	19.79	84	53.1	36
Sydenham.....	23.99	45	33.6	11	Stonecliff.....	16.44	80	51.8	31
GREY:					SIMCOE:				
Markdale.....	22.05	63	95.5	35	Barrie.....	19.12	131	101.6	64
HALTON:					Collingwood.....	20.02	72	77.4	35
Georgetown.....	32.30	107	58.9	38	SUDBURY:				
HASTINGS:					Sudbury.....	24.31	88	21.0	19
Queensboro' .....	21.19	85	59.0	17	Copper Cliff.....	20.60	68	24.5	11
HURON:					Wawa Falls.....	23.85	95	92.1	59
Clinton.....	27.78	114	71.2	45	THUNDER BAY:				
Goderich.....	27.45	109	63.5	28	Heron Bay.....	22.55	62	65.3	31
Lucknow.....	27.61	96	86.2	66	Kakabeka Falls.....	26.62	91	48.0	26
KENORA:					Nipigon.....	26.53	116	64.4	50
Sioux Lookout.....	20.56	83	60.5	36	Port Arthur.....	22.82	114	26.1	28
KENT:					White Fish.....	20.87	43	33.5	31
Chatham.....	29.15	72	41.5	12	VICTORIA:				
Wallaceburg.....	22.75	79	21.1	17	Kinmount.....	22.40	68	70.0	35
LANARK:					Lindsay.....	21.35	97	49.6	36
Almonte.....	23.65	88	74.0	25	WATERLOO:				
MacCue.....	27.53	54	37.0	8	Berlin.....	35.73	91	69.8	33
LEEDS:					WELLAND:				
Westport.....	24.20	59	39.3	17	Welland.....	28.24	99	29.7	12
LINCOLN:					WELLINGTON:				
Grimsby.....	25.48	90	38.5	16	Elora.....	30.35	85	66.3	33
North Grimsby.....	23.55	94	63.3	24	Guelph.....	27.83	100	64.0	28
Port Dalhousie.....	23.98	89	28.1	33	WENTWORTH:				
MIDDLESEX:					Stoney Creek.....	21.38	70	38.9	14
London.....	33.04	111	92.9	46	YORK:				
Westminster.....	36.58	68	60.0	16	Agincourt .....	29.73	84	56.5	37
MUSKOKA:					Deer Park.....	22.98	79	48.6	17
Beatrice.....	24.68	77	103.0	31	Toronto.....	28.31	116	64.1	41
Buckskin.....	18.76	40	33.5	11	Wexford.....	27.62	93	59.0	20
Ronville.....	26.07	84	40.7	15	Average for the				
NIPissing:					Province: 1915.	26.03	85	55.8	32
Cochrane.....	24.14	106	71.2	39	1914.	19.65	71	74.3	40
Haileybury.....	21.06	105	63.6	68	1913.	25.73	79	53.9	30
Iroquois Falls.....	25.24	93	97.2	71	1912.	27.09	85	78.0	40
Rutherglen.....	21.29	78	61.6	29	1911.	23.32	78	64.0	38
NORFOLK:					1911-1915.	24.36	80	65.3	36
Port Dover .....	37.79	123	60.2	47	1882-1915.	24.15	84	72.3	40

## RAIN AND SNOW.

TABLE IV. Monthly summary of inches of rain and snow in precipitation in the several districts of Ontario in 1915, also the average derived from the thirty-four years, 1882-1915.

Month.	West and South-west.		North and North-west.		Centre.		East and North-east.		The Province.	
	Rain.	Snow.	Rain.	Snow.	Rain.	Snow.	Rain.	Snow.	Rain.	Snow.
1915	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
January .....	0.96	18.8	0.35	14.2	0.80	19.7	1.49	12.7	0.90	16.3
February .....	1.73	8.8	0.68	11.9	1.50	9.8	1.26	12.4	1.29	10.7
March .....	0.29	6.7	0.09	5.1	0.11	5.2	0.22	3.4	0.18	5.1
April .....	0.94	0.3	1.44	0.7	1.28	0.5	0.95	0.2	1.15	0.4
May .....	2.61	.....	1.99	0.3	2.12	.....	2.00	.....	2.18	0.1
June .....	3.04	.....	4.27	0.2	1.68	.....	3.26	.....	3.06	.....
July .....	6.13	.....	2.55	.....	4.27	.....	2.49	.....	3.86	.....
August .....	6.16	.....	3.34	.....	6.36	.....	6.28	.....	5.54	.....
September .....	4.23	.....	4.14	.....	3.16	.....	2.03	.....	3.39	.....
October .....	1.71	S	2.31	0.3	1.79	S	1.67	.....	1.87	0.1
November .....	2.31	4.2	2.25	7.8	1.66	2.8	1.46	2.2	1.92	4.3
December .....	0.87	18.1	0.14	21.6	0.89	16.3	0.87	19.1	0.69	18.8
The Year .....	30.98	56.9	23.55	62.1	25.62	54.3	23.98	50.0	26.03	55.8
1882-1915										
January .....	1.20	15.5	0.70	24.4	1.09	17.3	0.94	20.2	0.98	19.3
February .....	1.17	13.2	0.47	20.1	0.91	14.7	0.63	16.3	0.79	16.1
March .....	1.36	8.3	0.92	12.9	1.30	9.7	1.12	10.9	1.18	10.4
April .....	1.96	2.2	1.54	3.6	1.93	2.7	1.59	3.1	1.75	2.9
May .....	3.15	.....	2.64	0.3	2.80	.....	2.66	0.1	2.81	0.1
June .....	2.84	.....	2.68	S	2.62	.....	2.71	.....	2.71	.....
July .....	2.68	.....	2.85	.....	2.85	.....	2.89	.....	2.82	.....
August .....	2.83	.....	2.83	.....	2.39	.....	2.74	.....	2.70	.....
September .....	2.57	.....	3.02	.....	2.36	.....	2.51	.....	2.61	.....
October .....	2.66	0.7	2.95	1.5	2.46	0.5	2.36	0.8	2.61	0.9
November .....	2.28	5.1	1.90	12.3	2.07	5.0	1.86	7.3	2.03	7.4
December .....	1.45	12.3	0.84	21.9	1.26	12.0	1.08	14.4	1.16	15.2
The Year .....	26.15	57.3	23.34	97.0	24.04	61.9	23.09	73.1	24.15	72.3

## SUNSHINE.

TABLE V. Monthly summary of bright sunshine at the principal stations in Ontario for 1915, showing the number of hours the sun was above the horizon, the hours of registered sunshine, the total for the year, and the average derived from the thirty-four years, 1882-1915,

Month.	Sun above Horizon.	Woodstock.	Toronto.	Lindsay.	Kingston.	Ottawa.	Average of five stations.		
							1915	1914	1882- 1915
1915	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.
January .....	285.7	72.8	77.8	58.5	69.5	87.1	73.1	66.0	.....
February .....	291.4	79.6	81.3	96.8	105.6	100.3	92.7	148.8	.....
March .....	369.9	174.6	211.6	186.1	201.5	211.3	197.0	128.9	.....
April .....	406.4	191.3	200.4	159.1	174.5	209.4	186.9	137.6	.....
May .....	461.1	223.4	230.2	183.1	245.6	229.5	222.4	263.0	.....
June .....	465.7	265.5	281.6	214.8	273.9	301.2	267.4	262.1	.....
July .....	470.9	217.2	237.8	185.8	257.0	282.6	236.1	266.0	.....
August .....	434.5	204.4	214.4	165.1	205.5	182.4	194.4	223.7	.....
September .....	376.3	183.9	210.2	168.8	196.2	217.2	195.3	210.8	.....
October .....	340.2	146.8	160.9	123.6	149.6	153.6	146.9	137.5	.....
November .....	286.9	94.2	93.0	76.4	111.2	88.2	92.6	83.9	.....
December .....	274.3	47.0	90.5	56.7	63.2	64.2	64.3	66.1	.....
The Year .....	4,463.3	1,900.7	2,089.7	1,674.8	2,053.3	2,127.0	1,969.1	1,994.4	.....
1882-1915									
January .....		61.8	76.6	74.5	76.6	85.7			75.0
February .....		90.8	107.5	103.1	110.5	110.0			104.4
March .....		124.9	152.1	148.2	147.7	148.4			144.2
April .....		170.4	189.7	186.2	183.2	190.8			184.1
May .....		209.5	222.4	210.1	207.6	207.2			211.4
June .....		249.5	262.4	239.6	253.5	236.5			248.3
July .....		273.3	282.7	253.3	270.3	253.8			266.7
August .....		233.2	249.8	228.1	246.6	238.2			239.2
September .....		175.6	208.5	188.3	188.1	172.0			186.5
October .....		143.7	153.3	130.6	138.5	131.5			139.5
November .....		74.6	83.4	72.2	79.2	84.6			78.8
December .....		54.1	65.8	55.7	67.4	61.1			60.8
The Year .....		1,861.4	2,054.2	1,889.9	1,969.2	1,919.8			1,938.9



## RURAL AREA ASSESSED.

TABLE VI.—Showing by County Municipalities the rural area of Ontario as returned by Municipal assessors for 1915; also the comparative totals for the Province for the five years, 1911-1915.

Counties and Districts.	Acres of assessed land.	Acres cleared.	Acres of woodland.	Acres of slash land.	Acres of swamp, marsh or waste land.	Per cent. cleared.
Algoma .....	307,993	48,001	201,754	13,556	44,682	15.59
Brant .....	215,906	179,910	9,392	17,084	19,520	83.33
Bruce .....	935,063	581,450	113,888	106,666	133,059	62.18
Carleton .....	559,332	365,642	50,992	96,393	46,305	65.37
Dufferin .....	355,986	273,710	17,378	36,734	28,164	76.88
Dundas .....	236,894	177,524	19,619	34,129	5,622	74.94
Darham .....	369,191	306,229	25,968	10,279	26,715	82.95
Elgin .....	435,406	360,663	46,134	23,337	5,272	82.83
Essex .....	425,485	356,090	25,112	35,657	8,626	83.69
Frontenac .....	696,685	258,589	78,937	162,021	197,138	37.12
Glengarry .....	288,132	194,078	53,176	19,613	21,265	67.86
Grenville .....	273,521	187,001	31,125	17,783	37,612	68.37
Grey .....	1,062,207	691,267	120,494	76,957	173,489	65.08
Haldimand .....	280,925	240,752	31,085	8,026	1,062	85.70
Haliburton .....	585,338	45,780	392,487	52,410	94,661	7.82
Halton .....	225,321	174,250	15,979	24,554	10,538	77.36
Hastings .....	1,081,227	444,224	247,387	216,510	173,106	41.09
Huron .....	798,333	662,450	49,377	32,310	54,196	82.98
Kenora .....	82,494	5,084	27,587	36,267	13,556	6.16
Kent .....	567,782	470,240	31,831	47,805	17,906	82.82
Lambton .....	659,368	496,077	64,582	85,620	13,089	75.24
Lanark .....	671,932	334,492	176,607	37,443	123,390	49.78
Leeds .....	471,341	271,263	100,206	34,572	65,300	57.55
Lennox & Addington	442,933	253,399	96,955	49,420	43,159	57.21
Lincoln .....	189,821	162,903	14,629	10,537	1,752	85.82
Manitoulin .....	287,399	48,504	58,158	87,188	93,549	16.88
Middlesex .....	756,601	660,926	61,935	19,311	14,429	87.35
Muskoka .....	561,635	70,655	307,518	82,190	101,272	12.58
Nipissing .....	313,704	52,717	191,335	6,178	63,474	16.80
Norfolk .....	396,391	279,492	56,312	33,064	27,523	70.51
Northumberland .....	437,622	350,923	37,641	19,162	29,896	80.19
Ontario .....	508,802	380,382	24,335	45,005	59,080	74.76
Oxford .....	472,059	399,947	34,450	19,045	18,617	84.72
Parry Sound .....	636,605	85,500	382,615	94,659	73,831	13.43
Peel .....	287,962	263,285	8,802	5,238	10,637	91.43
Perth .....	518,126	452,559	33,016	23,587	8,964	87.35
Peterborough .....	584,528	260,796	136,774	101,600	85,358	44.02
Prescott .....	292,443	205,127	31,398	43,070	12,848	70.14
Prince Edward .....	233,078	196,985	17,320	3,957	14,816	84.51
Rainy River .....	297,202	33,377	187,688	27,935	48,202	11.23
Renfrew .....	1,063,389	267,056	891,417	145,014	166,902	34.86
Russell .....	250,729	148,083	21,584	75,491	5,571	59.06
Simcoe .....	970,767	673,969	105,153	148,122	43,523	69.43
Stormont .....	249,542	156,780	35,754	44,066	12,942	62.33
Sudbury .....	397,787	52,341	228,338	24,668	92,440	13.16
Thunder Bay .....	428,897	32,203	179,363	163,831	43,500	7.51
Timiskaming .....	288,461	27,043	191,512	8,427	61,479	9.37
Victoria .....	595,308	288,444	62,798	107,405	136,661	48.45
Waterloo .....	308,098	252,653	32,152	6,703	16,590	82.00
Welland .....	226,115	184,972	17,657	13,374	10,112	81.80
Wellington .....	627,118	503,758	32,748	17,376	73,236	80.33
Wentworth .....	268,508	213,474	14,947	11,718	28,369	79.50
York .....	531,843	437,720	25,153	25,175	43,795	82.36
The Province.						
1915 .....	25,014,335	14,620,739	4,950,554	2,686,242	2,756,800	58.45
1914 .....	24,935,350	14,595,068	5,066,783	2,487,396	2,786,103	58.53
1913 .....	24,914,027	14,515,128	5,010,284	2,488,879	2,899,736	58.26
1912 .....	24,799,117	14,447,258	5,366,855	2,366,337	2,713,666	58.26
1911 .....	24,683,747	14,381,650	5,333,296	2,307,773	2,561,028	58.26

## FALL WHEAT AND SPRING WHEAT.

TABLE VII.—Showing by County Municipalities of Ontario the area, produce and market value of Fall Wheat and Spring Wheat for the year 1915, together with the comparative totals for the Province for 1913 and 1914, and the annual average for various periods.

Counties and Districts.	Fall Wheat.				Spring Wheat.			
	Acres.	Bushels.	Per acre.	Market value.	Acres.	Bushels.	Per acre.	Market value.
Algoma.....	585	16,848	28.8	\$ 18,482	1,080	24,732	22.9	\$ 26,661
Brant.....	24,119	704,274	29.2	693,710	31	691	22.3	656
Bruce.....	32,943	853,224	25.9	835,306	4,790	95,800	20.0	86,795
Carleton.....	663	20,288	30.6	20,958	7,895	191,059	24.2	202,331
Dufferin.....	3,420	90,630	26.5	92,080	3,569	70,309	19.7	70,450
Dundas.....	320	9,536	29.8	10,490	1,449	39,848	27.5	43,315
Durham.....	10,238	331,711	32.4	329,389	6,702	138,061	20.6	133,091
Elgin.....	33,425	1,039,518	31.1	990,661	147	2,661	18.1	2,520
Essex.....	30,156	946,898	31.4	914,703	260	5,876	22.6	5,518
Frontenac.....	1,553	39,136	25.2	38,549	1,820	41,132	22.6	40,926
Glengarry.....	158	4,740	30.0	4,920	4,818	111,296	23.1	120,979
Grenville.....	121	2,868	23.7	2,971	890	20,025	22.5	20,636
Grey.....	24,490	624,495	25.5	621,373	7,438	138,347	18.6	136,964
Haldimand.....	32,117	947,452	29.5	902,922	383	7,928	20.7	7,397
Haliburton.....	64	1,472	23.0	1,546	322	6,215	19.3	6,153
Halton.....	18,656	514,906	27.6	509,757	1,269	26,015	20.5	25,078
Hastings.....	18,325	533,258	29.1	527,392	2,627	57,794	22.0	57,100
Huron.....	30,744	860,832	28.0	847,920	2,352	48,451	20.6	46,416
Kent.....	62,957	1,976,850	31.4	1,883,938	306	5,967	19.5	5,490
Lambton.....	41,654	1,307,936	31.4	1,258,234	183	3,386	18.5	3,295
Linark.....	1,335	34,176	25.6	35,816	6,711	157,709	23.5	161,809
Leeds.....	2,122	52,626	24.8	55,152	1,551	35,208	22.7	37,884
Lennox and Add..	6,724	211,134	31.4	203,744	2,093	46,046	20.0	45,355
Lincoln.....	16,674	553,577	33.2	535,863	140	3,500	25.0	3,500
Manitowlin.....	572	13,900	24.3	13,983	1,381	28,172	20.4	27,749
Middlesex.....	50,080	1,672,672	33.4	1,592,384	141	2,326	16.5	2,259
Muskoka.....	61	1,220	20.0	1,281	451	9,020	20.0	9,435
Nipissing.....	90	2,340	26.0	2,497	1,330	31,122	23.4	30,842
Norfolk.....	31,463	987,938	31.4	948,420	90	1,494	16.6	1,419
Northumberland..	19,929	659,650	33.1	641,180	5,341	108,956	20.4	104,816
Ontario.....	14,999	460,469	30.7	438,366	7,199	159,818	22.2	147,672
Oxford.....	29,256	962,522	32.9	951,934	93	2,046	22.0	1,997
Parry Sound.....	55	1,375	25.0	1,425	1,224	25,214	20.6	25,819
Peel.....	18,165	561,290	30.9	546,135	3,465	72,419	20.9	65,322
Perth.....	27,656	829,680	30.0	829,680	513	9,234	18.0	8,708
Peterborough.....	11,154	316,744	28.4	320,575	4,738	97,129	20.5	94,895
Prescott.....	294	8,820	30.0	9,261	4,263	86,965	20.4	89,922
Prince Edward.....	7,505	231,905	30.9	226,339	1,045	25,080	24.0	24,303
Rainy R. & Kenora	44	1,241	28.2	1,230	1,583	44,007	27.8	44,139
Renfrew.....	2,189	50,128	22.9	48,474	37,738	735,891	19.5	730,740
Russell.....	317	7,925	25.0	8,718	3,476	79,600	22.9	84,456
Simcoe.....	73,024	2,227,232	30.5	2,162,642	4,596	88,243	19.2	84,537
Stormont.....	50	1,080	21.6	1,166	1,642	38,094	23.2	41,142
Sudbury.....	20	400	20.0	450	1,038	24,601	23.7	28,021
Thunder Bay.....	.....	.....	.....	.....	772	20,690	26.8	21,869
Timiskaming.....	116	3,464	29.6	3,479	967	26,786	27.7	26,036
Victoria.....	9,750	276,900	28.4	261,671	7,123	151,008	21.2	133,038
Waterloo.....	27,481	777,712	28.3	765,269	152	3,040	20.0	3,010
Welland.....	24,265	737,656	30.4	709,625	43	903	21.0	888
Wellington.....	11,405	318,200	27.9	303,018	4,008	90,180	22.5	86,483
Wentworth.....	20,681	665,928	32.2	653,941	299	5,382	18.0	5,167
York.....	37,001	1,280,235	34.6	1,239,267	8,605	194,473	22.6	177,943
The Province:								
1915.....	811,185	24,737,011	30.5	24,023,286	162,142	3,439,949	21.2	3,392,996
1914.....	685,692	14,333,548	20.9	15,641,232	118,607	2,169,425	18.3	2,340,520
1913.....	646,533	15,945,717	24.7	13,550,459	116,581	2,068,951	17.7	1,818,652
Averages (10 years)								
1902-1911....	720,272	16,912,017	23.5	14,142,444	182,335	3,269,976	17.9	2,655,591
1892-1901....	930,794	18,688,313	20.1	12,650,091	356,355	5,405,846	15.2	3,650,840
1882-1891....	902,846	18,059,235	20.0	16,250,884	563,547	8,882,998	15.8	7,959,306
Average (34 years)								
1882-1915....	836,542	17,836,817	21.3	14,630,739	339,493	5,457,906	16.1	4,478,877



## BARLEY AND OATS.

TABLE VIII.—Showing by County Municipalities of Ontario the area, produce and market value of Barley and Oats for the year 1915, together with the comparative totals for the Province for 1913 and 1914, and the annual averages for various periods.

Counties and Districts.	Barley.				Oats.			
	Acres.	Bushels.	Per acre.	Market value.	Acres.	Bushels.	Per acre.	Market value.
				\$				\$
Algoma.....	1,637	56,640	34.6	37,156	9,984	408,346	40.9	178,447
Brant.....	8,842	325,386	36.8	173,105	29,424	1,324,080	45.0	526,984
Bruce.....	21,066	794,188	37.7	422,508	118,108	4,995,968	42.3	1,878,484
Carleton.....	7,517	260,840	34.7	164,068	89,198	3,817,674	42.8	1,565,246
Dufferin.....	15,369	542,526	35.3	302,730	67,597	2,697,120	39.9	1,068,060
Dundas.....	5,891	230,338	39.1	155,248	32,994	1,451,736	44.0	640,216
Durham.....	11,088	389,189	35.1	227,286	59,442	2,389,568	40.2	898,478
Elgin.....	7,173	246,034	34.3	148,359	52,089	2,109,605	40.5	879,705
Essex.....	9,165	346,437	37.8	200,933	65,729	3,016,961	45.9	1,086,106
Frontenac.....	4,120	138,020	33.5	84,330	37,453	1,498,120	40.0	621,720
Glengarry.....	5,210	176,619	33.9	116,215	42,055	1,783,132	42.4	775,662
Grenville.....	1,411	45,882	31.1	29,884	37,323	1,392,148	37.3	587,486
Grey.....	29,627	992,505	33.5	528,013	160,569	6,583,329	41.0	2,468,748
Haldimand.....	8,721	300,875	34.5	170,897	40,703	1,611,839	39.6	646,347
Haliburton.....	860	24,940	29.0	14,490	8,839	305,829	34.6	120,497
Halton.....	6,523	224,391	34.4	129,922	31,765	1,200,717	37.8	507,903
Hastings.....	15,357	519,067	33.8	322,860	91,310	3,698,055	40.5	1,490,316
Huron.....	32,867	1,229,226	37.4	634,281	141,436	5,798,876	41.0	2,191,975
Kent.....	14,610	547,875	37.5	271,198	67,527	3,234,543	47.9	1,183,843
Lambton.....	16,769	650,637	38.8	339,633	82,092	3,571,002	43.5	1,278,419
Lanark.....	5,645	196,446	34.8	119,243	48,538	1,985,204	40.9	786,141
Leeds.....	4,351	149,239	34.3	97,155	46,566	1,937,146	41.6	838,784
Lennox and Add..	8,410	300,237	35.7	173,537	39,119	1,588,231	40.6	630,528
Lincoln.....	2,479	91,475	36.9	54,976	22,543	1,021,198	45.3	422,776
Manitoulin.....	1,892	65,085	34.4	40,223	6,947	308,447	44.4	124,613
Middlesex.....	16,809	647,147	38.5	339,752	104,789	4,422,096	42.2	1,724,617
Muskoka.....	907	26,394	29.1	18,265	17,240	598,228	34.7	268,006
Nipissing.....	1,080	33,696	31.2	23,082	13,198	512,082	38.8	209,954
Norfolk.....	6,048	211,075	34.9	122,424	42,714	1,687,203	39.5	703,564
Northumberland..	10,049	346,691	34.5	198,307	65,401	2,511,398	38.4	971,911
Ontario.....	19,625	706,500	36.0	387,162	87,953	3,949,090	44.9	1,476,960
Oxford.....	14,553	576,299	39.6	322,727	75,981	3,479,930	45.8	1,451,131
Parry Sound.....	1,139	34,056	29.9	23,499	22,209	857,267	38.6	374,626
Peel.....	21,171	726,165	34.3	422,628	54,908	2,108,467	38.4	834,953
Perth.....	26,462	1,047,895	39.6	557,480	107,728	4,847,760	45.0	1,895,474
Peterborough.....	9,030	303,408	33.6	173,246	59,882	2,419,233	40.4	878,182
Prescott.....	6,431	187,785	29.2	126,943	46,473	1,752,032	37.7	756,878
Prince Edward....	10,018	343,617	34.3	188,302	29,773	1,217,716	40.9	446,902
Rainy R'r. & Kenora	1,593	51,454	32.3	34,680	6,997	309,267	44.2	139,789
Renfrew.....	4,467	134,010	30.0	81,880	66,074	2,365,449	35.8	943,814
Russell.....	4,198	147,350	35.1	100,345	32,541	1,467,599	45.1	600,248
Simcoe.....	55,278	2,039,758	36.9	1,105,549	141,029	6,247,585	44.3	2,367,835
Stormont.....	3,424	123,606	36.1	83,063	28,346	1,258,562	44.4	537,406
Sudbury.....	1,455	40,886	28.1	29,152	11,923	401,805	33.7	188,405
Thunder Bay.....	1,626	48,780	30.0	30,878	7,677	383,850	50.0	177,339
Timiskaming.....	911	32,796	36.0	18,563	8,516	382,368	44.9	157,918
Victoria.....	16,163	585,101	36.2	304,253	73,196	3,103,510	42.4	1,151,402
Waterloo.....	9,331	372,426	39.7	217,869	58,938	2,593,272	44.0	1,112,514
Welland.....	1,660	50,298	30.3	29,072	25,078	917,855	36.6	392,842
Wellington.....	22,421	822,851	36.7	448,454	113,519	4,631,575	40.8	1,787,788
Wentworth.....	6,978	248,417	35.6	145,572	37,963	1,693,150	44.6	721,282
York.....	32,841	1,162,571	35.4	639,414	102,359	4,370,729	42.7	1,783,257
The Province:								
1915.....	552,318	19,893,129	36.0	11,130,811	2,871,755	120,217,952	41.9	47,452,121
1914.....	579,473	18,096,754	31.2	11,640,790	2,776,883	103,564,322	37.3	51,232,043
1913.....	623,658	18,255,958	29.3	10,136,759	2,699,459	98,426,902	36.5	36,342,489
Averages (10 yrs.)								
1902-1911.....	711,199	21,709,056	30.5	10,870,736	2,703,900	98,968,442	36.6	36,309,289
1892-1901.....	498,932	13,100,823	26.3	5,037,346	2,291,902	79,229,462	34.6	22,119,649
1882-1891.....	743,245	19,349,351	26.0	10,547,091	1,663,205	58,410,603	35.1	21,017,492
Average (34 yrs.)								
1882-1915.....	645,194	18,149,130	28.1	9,081,090	2,280,585	81,962,913	35.9	28,455,764



## PEAS AND BEANS.

TABLE IX.—Showing by County Municipalities of Ontario the area, produce and market value of Peas and Beans for the year 1915, together with the comparative totals for the Province for 1913 and 1914, and the annual averages for various periods.

Counties and Districts.	Peas.				Beans.			
	Acres.	Bushels.	Per acre.	Market value.	Acres.	Bushels.	Per acre.	Market value.
Algoma .....	1,500	24,750	16.5	\$ 35,714	2	32	16.0	\$ 80
Brant .....	724	13,756	19.0	19,011	829	11,606	14.0	34,238
Bruce .....	11,293	150,197	13.3	269,904	419	5,154	12.3	13,555
Carleton .....	927	20,672	22.3	35,349	380	8,056	21.2	25,135
Dufferin .....	2,225	26,033	11.7	41,575	69	1,035	15.0	8,209
Dundas .....	229	4,878	21.3	6,688	226	5,108	22.6	15,528
Durham .....	7,821	113,405	14.5	194,716	556	8,229	14.8	22,712
Elgin .....	702	11,443	16.3	15,311	6,815	94,047	13.8	294,367
Essex .....	185	3,330	18.0	5,328	1,126	21,056	18.7	53,746
Frontenac .....	373	7,124	19.1	9,368	312	6,552	21.0	16,904
Glengarry .....	708	13,310	18.8	19,659	205	3,998	19.5	11,434
Grenville .....	262	5,240	20.0	6,356	247	4,940	20.0	14,820
Grey .....	8,117	115,261	14.2	189,604	89	1,246	14.0	3,140
Haldimand .....	718	11,201	15.6	14,360	387	6,269	16.2	19,246
Haliburton .....	508	11,176	22.0	15,982	46	920	20.0	2,360
Halton .....	1,126	17,903	15.9	26,407	152	2,280	15.0	7,410
Hastings .....	1,953	33,396	17.1	44,751	525	6,668	12.7	20,071
Huron .....	4,726	71,835	15.2	123,556	9,557	98,437	10.3	307,123
Kent .....	889	16,447	18.5	21,595	26,948	382,662	14.2	1,186,252
Lambton .....	1,152	23,040	20.0	30,966	1,387	26,353	19.0	78,005
Lanark .....	956	19,502	20.4	29,565	255	3,162	12.4	9,296
Leeds .....	600	11,160	18.6	14,285	254	4,394	17.3	12,962
Lennox and Add'ton	920	20,332	22.1	30,457	259	4,351	16.8	13,053
Lincoln .....	599	7,368	12.3	9,409	588	10,172	17.3	34,178
Manitoulin .....	1,601	27,537	17.2	42,407	12	180	15.0	450
Middlesex .....	1,100	20,900	19.0	25,895	1,520	23,104	15.2	70,698
Muskoka .....	731	13,743	18.8	21,508	24	360	15.0	1,080
Nipissing .....	1,247	22,571	18.1	36,249	5	100	20.0	300
Norfolk .....	1,528	23,531	15.4	31,626	1,950	29,250	15.0	37,165
Northumberland ..	1,971	28,185	14.3	48,901	765	11,093	14.5	33,723
Ontario .....	6,454	95,519	14.8	149,010	463	5,695	12.3	15,035
Oxford .....	684	11,286	16.5	14,130	261	3,393	13.0	10,790
Parry Sound .....	2,078	39,898	19.2	57,772	21	420	20.0	1,197
Peel .....	1,985	31,363	15.8	49,554	81	1,215	15.0	3,767
Perth .....	3,185	44,272	13.9	61,715	75	900	12.0	2,700
Peterborough .....	6,585	102,726	15.6	194,871	160	2,240	14.0	7,213
Prescott .....	688	13,966	20.3	25,446	261	4,254	16.3	12,102
Prince Edward .....	2,237	50,556	22.6	72,497	640	11,136	17.4	35,969
Rainy Riv. & Kenora	146	2,730	18.7	4,341	10	150	15.0	450
Renfrew .....	10,378	171,237	16.5	283,397	318	5,756	18.1	17,095
Russell .....	1,317	28,052	21.3	51,307	183	3,331	18.2	9,860
Simcoe .....	9,996	191,923	19.2	327,037	368	5,520	15.0	15,014
Stormont .....	110	2,200	20.0	2,750	161	3,220	20.0	9,724
Sudbury .....	1,120	20,160	18.0	31,248	5	75	15.0	225
Thunder Bay .....	408	8,160	20.0	15,586	16	240	15.0	720
Timiskaming .....	710	20,519	28.8	32,625	5	75	15.0	225
Victoria .....	5,504	103,475	18.8	174,459	88	1,232	14.0	3,450
Waterloo .....	1,544	23,160	15.0	34,740	79	1,264	16.0	4,348
Welland .....	95	1,549	16.3	1,868	3,242	43,119	13.3	169,889
Wellington .....	6,952	80,643	11.6	126,448	80	1,200	15.0	3,612
Wentworth .....	188	3,328	17.7	4,619	129	2,580	20.0	7,972
York .....	7,188	107,101	14.9	170,719	308	4,990	16.2	15,569
The Province:								
1915 .....	126,943	2,043,049	16.1	3,302,641	62,863	882,819	14.0	2,745,106
1914 .....	177,856	2,609,585	14.7	3,565,974	51,149	835,895	16.3	1,787,432
1913 .....	177,303	3,108,263	17.5	3,127,551	56,639	1,021,243	15.3	1,738,900
Averages (10 years):								
1902-1911 .....	389,104	7,056,642	18.1	5,275,196	50,006	854,999	17.1	1,263,012
1892-1901 .....	739,819	14,242,404	18.5	7,613,480	51,654	875,597	17.0	818,381
1882-1891 .....	668,962	13,908,658	20.8	8,573,501	26,201	469,393	17.9	546,087
Average 34 years):								
1882-1915 .....	558,308	10,691,322	19.1	6,725,449	44,970	762,411	17.0	1,024,012

## RYE AND BUCKWHEAT.

TABLE X.—Showing by County Municipalities of Ontario the area, produce and market value of Rye and Buckwheat for the year 1915, together with the comparative totals for the Province for 1913 and 1914, and the annual averages for various periods.

Counties and Districts.	Rye.				Buckwheat.			
	Acres.	Bushels.	Per acre.	Market value.	Acres.	Bushels.	Per acre.	Market value.
				\$				\$
Algoma .....	140	2,730	19.5	1,889	86	2,176	25.3	1,545
Brant .....	4,786	85,669	17.9	66,222	2,740	55,896	20.4	40,743
Bruce .....	1,202	21,155	17.6	15,105	3,189	82,276	25.8	54,878
Carleton .....	1,931	42,289	21.9	31,421	5,037	111,318	22.1	79,481
Dufferin .....	5,916	113,587	19.2	89,961	6,444	129,524	20.1	91,055
Dundas .....	495	11,039	22.3	8,003	2,143	53,575	25.0	37,610
Durham .....	15,467	227,365	14.7	185,530	7,745	140,959	18.2	102,195
Elgin .....	2,349	43,926	18.7	35,009	3,303	61,436	18.6	43,190
Essex .....	1,524	35,509	23.3	26,703	704	18,304	26.0	12,740
Frontenac .....	3,257	70,677	21.7	56,400	2,450	61,250	25.0	43,794
Glengarry .....	20	400	20.0	320	1,540	43,120	28.0	30,658
Grenville .....	988	23,020	23.3	19,222	4,596	98,814	21.5	73,419
Grey .....	1,672	28,926	17.3	22,071	8,237	182,861	22.2	122,517
Haldimand .....	540	9,936	18.4	7,184	1,915	41,556	21.7	30,876
Haliburton .....	465	8,556	18.4	6,503	980	20,972	21.4	14,659
Halton .....	956	19,311	20.2	14,213	1,201	25,822	21.5	19,160
Hastings .....	11,943	223,334	18.7	170,404	9,834	236,016	24.0	163,932
Huron .....	597	11,522	19.3	8,757	5,398	127,933	23.7	87,878
Kent .....	895	20,317	22.7	13,409	672	13,642	20.3	8,813
Lambton .....	98	1,960	20.0	1,417	261	6,342	24.3	4,439
Lancark .....	1,793	30,302	16.9	23,454	4,772	97,349	20.4	66,489
Leeds .....	1,684	31,154	18.5	25,453	4,458	121,258	27.2	88,276
Lennox & Addington .....	4,915	81,047	20.3	66,317	4,952	100,526	22.1	73,887
Lincoln .....	359	7,970	22.2	6,241	307	5,864	19.1	4,240
Manitowlin .....	297	5,524	18.6	4,143	228	4,720	20.7	3,186
Middlesex .....	1,051	24,488	23.3	17,705	914	18,097	19.8	13,157
Muskoka .....	237	3,555	15.0	2,784	197	4,196	21.3	2,799
Nipissing .....	54	1,172	21.7	800	176	4,400	25.0	2,860
Norfolk .....	13,135	207,533	15.8	163,951	10,330	190,072	18.4	140,653
Northumberland .....	20,986	407,128	19.4	332,631	12,769	282,140	22.2	207,273
Ontario .....	8,044	132,726	16.5	104,323	9,263	220,573	23.8	159,478
Oxford .....	2,131	31,539	14.8	25,862	3,763	82,410	21.9	61,890
Parry Sound .....	405	6,764	16.7	5,242	113	1,805	15.3	1,497
Peel .....	4,662	97,436	20.9	78,631	2,734	68,077	24.9	51,807
Perth .....	141	2,468	17.5	1,851	2,089	52,643	25.2	36,482
Peterborough .....	7,986	144,547	18.1	113,469	5,490	118,584	21.6	79,451
Prescott .....	200	4,200	21.0	3,032	1,349	27,789	20.6	21,314
Prince Edward .....	8,256	153,562	18.6	125,153	6,759	156,809	23.2	116,930
Rainy R. & Kenora .....	33	732	23.7	626	18	450	25.0	338
Renfrew .....	11,891	218,791	18.4	174,160	1,939	44,597	23.0	30,504
Russell .....	99	1,980	20.0	1,683	1,535	46,050	30.0	33,618
Simcoe .....	14,770	289,492	19.6	222,330	15,687	345,114	22.0	233,129
Stormont .....	41	1,025	25.0	820	3,060	85,680	28.0	62,803
Sudbury .....	45	900	20.0	630	165	4,125	25.0	2,817
Thunder Bay .....	150	3,750	25.0	2,625	21	525	25.0	368
Timiskaming .....					8	200	25.0	160
Victoria .....	3,049	50,309	16.5	38,185	6,359	147,529	23.2	103,418
Waterloo .....	3,193	66,095	20.7	52,744	2,421	46,967	19.4	34,521
Welland .....	447	10,013	22.4	7,009	2,275	42,088	18.5	30,514
Wellington .....	2,046	48,081	23.5	36,493	9,077	167,925	18.5	118,219
Wentworth .....	1,984	42,259	21.3	32,413	1,752	41,873	23.9	30,651
York .....	4,411	99,689	22.6	80,648	10,092	234,134	23.2	171,152
The Province:								
1915 .....	173,736	3,210,512	18.5	2,532,051	193,497	4,278,366	22.1	3,057,398
1914 .....	138,913	2,315,532	16.7	1,965,522	177,227	4,251,421	24.0	3,041,564
1913 .....	118,429	1,979,775	16.7	1,310,306	228,279	4,012,418	17.6	2,549,398
Averages (10 years)								
1902-1911 .....	112,424	1,877,432	16.7	1,129,754	131,168	2,871,668	21.9	1,503,428
1892-1901 .....	129,188	2,088,786	16.2	937,885	131,005	2,450,389	18.7	949,189
1882-1891 .....	103,636	1,683,211	16.2	1,010,057	69,230	1,415,900	20.4	586,472
Average (34 yrs.)								
1882-1915 .....	117,338	1,936,464	16.5	1,113,884	121,145	2,509,311	20.7	1,234,977



## CORN.\*

TABLE XI.—Showing by County Municipalities of Ontario, the area, produce and market value of Corn for husking and for fodder for the year 1915, together with the comparative totals for the Province for 1913 and 1914 and the annual averages for various periods.

Counties and Districts.	Corn for husking.				Corn for Silo.			
	Acres.	Bushels.	Per acre.	Market Value.	Acres.	Tons green.	Per acre.	Market value.
Algoma .....	97	3,880	40.0	\$ 2,045	174	2,088	12.00	\$ 5,220
Brant .....	3,841	272,711	71.0	142,901	7,658	88,067	11.50	220,167
Bruce .....	722	32,490	45.0	15,985	12,957	133,198	10.28	332,995
Carleton .....	1,135	60,496	53.3	33,273	17,375	202,071	11.63	505,178
Dufferin .....	187	7,480	40.0	3,890	2,624	23,616	9.00	59,040
Dundas .....	2,687	163,370	60.8	87,893	12,162	158,106	13.00	395,265
Durham .....	1,204	68,748	57.1	33,824	10,016	114,383	11.42	285,957
Elgin .....	21,805	1,659,361	76.1	816,406	14,689	139,252	9.48	348,130
Essex .....	86,757	5,838,746	67.3	2,393,886	3,426	29,121	8.50	72,802
Frontenac .....	2,472	170,568	69.0	95,859	6,547	85,111	13.00	212,777
Glengarry .....	946	37,840	40.0	19,336	7,850	87,371	11.13	218,428
Grenville .....	2,601	182,070	70.0	96,497	7,083	77,913	11.00	194,782
Grey .....	562	22,480	40.0	11,352	16,603	175,826	10.59	439,565
Haldimand .....	2,918	209,804	71.9	104,273	4,588	51,569	11.24	128,922
Haliburton .....	281	16,860	60.0	10,116	377	2,828	7.50	7,070
Halton .....	315	18,522	58.8	10,002	5,562	61,182	11.00	152,955
Hastings .....	6,078	395,070	65.0	237,042	14,899	127,088	8.53	317,720
Huron .....	1,632	79,642	48.8	40,777	16,503	180,708	10.95	451,770
Kent .....	67,836	5,023,266	74.6	1,984,190	7,484	70,200	9.38	175,500
Lambton .....	25,322	1,955,326	77.1	915,641	16,215	155,502	9.59	388,755
Lanark .....	1,393	83,580	60.0	41,790	11,615	136,012	11.71	340,030
Leeds .....	3,848	278,980	72.5	148,696	10,576	145,420	13.75	363,550
Lennox & Addington .....	2,991	200,995	67.2	100,096	5,309	55,373	10.43	138,432
Lincoln .....	4,796	380,802	79.4	221,627	3,506	33,132	9.45	82,830
Manitoulin .....	69	2,760	40.0	1,380	728	6,712	9.22	16,780
Middlesex .....	14,576	982,422	67.4	483,352	23,458	258,742	11.03	646,855
Muskoka .....	208	12,230	58.8	6,115	598	5,502	9.20	13,755
Nipissing .....	126	6,300	50.0	3,150	223	1,695	7.60	4,238
Norfolk .....	15,962	1,123,725	70.4	548,378	9,024	75,080	8.32	187,700
Northumberland .....	5,112	341,993	66.9	170,313	10,723	100,046	9.33	250,115
Ontario .....	1,152	58,982	51.2	32,440	16,749	192,279	11.48	480,698
Oxford .....	5,405	362,676	67.1	191,856	30,303	359,394	11.86	898,485
Parry Sound .....	70	4,200	60.0	2,520	324	3,285	10.14	8,212
Peel .....	378	18,900	50.0	10,206	6,069	58,809	9.68	147,023
Perth .....	541	27,050	50.0	14,174	15,207	157,240	10.34	393,100
Peterborough .....	323	19,380	60.0	10,465	8,137	92,355	11.35	230,887
Prescott .....	1,208	54,360	45.0	31,529	5,534	59,214	10.70	148,035
Prince Edward .....	7,022	492,242	70.1	242,675	6,661	66,943	10.05	167,358
Rainy R'r & Kenora .....	25	1,000	40.0	500	76	760	10.00	1,900
Renfrew .....	543	31,820	58.6	16,642	6,461	78,113	12.09	195,283
Russell .....	606	36,360	60.0	19,234	5,633	60,836	10.80	152,090
Simcoe .....	1,573	97,526	62.0	55,395	16,496	189,044	11.46	472,610
Stormont .....	1,480	88,800	60.0	48,485	7,206	100,884	14.00	252,210
Sudbury .....	9	450	50.0	225	220	1,760	8.00	4,400
Thunder Bay .....	16	640	40.0	320	118	590	5.00	1,475
Timiskaming .....					5	40	8.00	100
Victoria .....	332	19,920	60.0	11,155	8,867	101,971	11.50	254,928
Waterloo .....	608	40,250	66.2	21,131	10,549	120,153	11.39	300,382
Welland .....	7,878	585,335	74.3	296,180	4,081	39,463	9.67	98,658
Wellington .....	243	9,720	40.0	4,938	10,174	112,524	11.06	281,310
Wentworth .....	1,368	107,388	78.5	56,808	7,998	93,977	11.75	234,943
York .....	1,014	70,980	70.0	38,329	16,316	201,829	12.37	504,573
The Province:								
1915 .....	309,773	21,760,496	70.2	9,885,292	443,736	4,874,377	10.98	12,185,943
1914 .....	290,817	23,232,360	80.0	10,622,455	418,105	4,751,223	11.36	11,878,058
1913 .....	299,871	22,214,014	74.1	9,545,538	388,138	4,059,345	10.46	10,148,363
Averages (10 yrs.) .....								
1902-1911 .....	325,515	22,988,755	70.6	8,780,681	236,330	2,731,936	11.56	5,652,083
1892-1901 .....	294,076	21,218,057	72.2	5,314,705	157,611	1,777,533	11.28	3,555,065
Average (24 yrs.) .....								
1892-1915 .....	308,234	22,135,186	71.8	7,465,405	231,974	2,614,551	11.27	5,675,327

The combined average of corn for the ten years 1882-1891 is 195,878 acres, the average value of the produce for the same period being \$3,704,614. The combined average for corn for the thirty-four years 1882-1915 is 438,934 acres, the average value of the produce for the same period being \$10,365,402.



## POTATOES AND CARROTS.

TABLE XII.—Showing by County Municipalities of Ontario, the area, produce and market value of Potatoes and Carrots for the year 1915, together with the comparative totals for the Province for 1913 and 1914, and the annual averages for the various periods.

Counties and Districts.	Potatoes				Carrots.			
	Acres.	Bushels.	Per acre.	Market value.	Acres.	Bushels.	Per acre.	Market value.
				\$				\$
Algoma .....	1,437	204,054	142	170,181	23	6,900	300	862
Brant .....	2,906	127,864	44	132,084	18	5,400	300	675
Bruce .....	4,405	383,235	87	287,043	80	20,720	259	2,590
Carleton .....	5,594	699,250	125	572,686	113	34,126	302	4,266
Dufferin .....	4,001	172,043	43	128,688	31	6,200	200	775
Dundas .....	1,976	262,808	133	183,966	42	12,390	295	1,549
Durham .....	3,990	235,410	59	213,988	19	4,522	238	565
Elgin .....	3,170	104,610	33	100,949	31	7,750	250	969
Essex .....	3,696	273,504	74	232,478	86	25,284	294	3,160
Frontenac .....	3,507	371,742	106	349,809	43	13,545	315	1,693
Glengarry .....	2,028	255,528	126	191,646	72	14,400	200	1,800
Grenville .....	2,742	285,168	104	231,842	62	18,600	300	2,325
Grey .....	6,213	528,105	85	394,494	74	17,834	241	2,229
Haldimand .....	1,571	113,112	72	105,081	16	5,200	325	650
Haliburton .....	589	69,502	118	39,408	17	3,400	200	425
Halton .....	2,001	60,030	30	59,910	12	3,600	300	450
Hastings .....	6,028	488,268	81	424,793	80	22,000	275	2,750
Huron .....	4,371	205,437	47	179,963	68	24,344	358	3,043
Kent .....	4,722	273,876	58	257,443	44	12,100	275	1,512
Lambton .....	3,723	223,880	60	205,286	68	16,320	240	2,040
Lanark .....	2,437	263,196	108	204,240	34	10,200	300	1,275
Leeds .....	2,896	327,248	113	262,126	55	16,500	300	2,062
Lennox & Addingt'n.	3,353	308,476	92	271,459	41	12,300	300	1,538
Lincoln .....	2,397	143,820	60	139,074	94	33,464	356	4,183
Manitoulin .....	616	107,800	175	67,052	18	7,200	400	900
Middlesex .....	7,847	298,186	38	302,062	24	4,800	200	600
Muskoka .....	1,255	163,150	130	119,263	59	14,160	240	1,770
Nipissing .....	1,152	206,208	179	131,354	31	6,200	200	775
Norfolk .....	4,097	159,783	39	146,042	62	21,700	350	2,712
Northumberland .....	4,589	224,861	49	214,517	54	11,880	220	1,485
Ontario .....	5,590	430,430	77	348,648	36	7,200	200	900
Oxford .....	3,263	120,731	37	118,558	34	8,500	250	1,062
Parry Sound .....	1,488	224,688	151	150,766	51	13,260	260	1,658
Peel .....	3,855	146,490	38	130,523	102	25,500	250	3,188
Perth .....	3,207	157,143	49	141,429	19	5,377	283	672
Peterborough .....	2,590	202,020	78	193,939	18	5,400	300	675
Prescott .....	2,305	276,600	120	193,620	34	9,554	281	1,194
Prince Edward .....	2,060	166,860	81	149,673	45	15,210	338	1,901
Rainy R'r & Kenora .....	963	93,411	97	67,910	22	5,368	244	671
Renfrew .....	3,936	602,208	153	395,651	62	18,600	300	2,325
Russell .....	1,773	258,858	146	193,108	70	21,000	300	2,625
Simcoe .....	10,024	882,112	88	621,007	86	27,606	321	3,451
Stormont .....	1,985	277,900	140	207,591	32	8,736	273	1,092
Sudbury .....	1,610	223,790	139	166,276	74	22,200	300	2,775
Thunder Bay .....	1,886	173,512	92	107,751	56	11,200	200	1,400
Timiskaming .....	620	106,640	172	66,757	8	1,920	240	240
Victoria .....	2,437	248,574	102	186,928	17	3,400	200	425
Waterloo .....	3,445	155,025	45	143,088	15	5,100	340	638
Welland .....	3,155	113,580	36	108,810	25	7,500	300	938
Wellington .....	5,485	213,915	39	211,990	53	15,900	300	1,988
Wentworth .....	4,631	203,764	44	186,852	35	11,130	318	1,391
York .....	8,317	449,118	54	395,224	74	23,532	318	2,942
The Province:								
1915 .....	173,934	13,267,023	76	10,805,026	2,439	686,232	281	85,779
1914 .....	167,591	26,717,587	159	11,747,332	2,448	766,170	313	95,771
1913 .....	159,661	19,024,115	119	12,114,656	2,400	592,016	247	74,002
Averages (10 yrs.)								
1902-1911 .....	153,092	17,355,152	113	8,928,246	5,243	1,688,002	322	211,000
1892-1901 .....	164,451	18,304,638	111	6,150,629	11,163	3,880,538	348	485,068
1882-1891 .....	155,449	18,840,683	121	8,476,165	10,243	3,659,347	351	457,417
Average (34 yrs.)								
1882-1915 .....	158,529	18,392,937	116	8,347,691	8,186	2,796,191	342	349,524

## MANGEL-WURZELS AND TURNIPS.

TABLE XIII. Showing by County Municipalities of Ontario the area, produce and market value of Mangel-Wurzels and Turnips for the year 1915, together with the comparative totals for the Province for 1913 and 1914, and the annual averages for various periods.

Counties and Districts.	Mangel-Wurzels.				Turnips.			
	Acres.	Bushels.	Per Acre.	Market Value.	Acres.	Bushels.	Per Acre.	Market value.
Algoma .....	44	19,800	450	\$ 1,584	451	216,931	481	\$ 21,693
Brant .....	1,218	646,758	531	51,741	3,017	1,526,602	506	152,660
Bruce .....	3,225	1,660,875	515	132,870	3,110	1,570,550	505	157,055
Carleton .....	350	149,450	427	11,956	2,058	878,766	427	87,877
Dufferin .....	465	173,910	374	13,913	2,850	1,348,050	473	134,805
Dundas .....	110	58,630	533	4,690	108	44,604	413	4,460
Durham .....	1,585	832,125	525	66,570	4,147	2,148,146	518	214,815
Elgin .....	417	163,047	391	13,044	184	65,504	356	6,550
Essex .....	514	240,038	467	19,203	152	48,488	319	4,849
Frontenac .....	184	78,016	424	6,241	588	265,776	452	26,578
Glengarry .....	154	56,826	369	4,546	620	249,860	403	24,986
Grenville .....	155	81,375	525	6,510	321	119,091	371	11,909
Grey .....	2,286	1,120,140	490	89,611	4,626	2,313,000	500	231,300
Haldimand .....	320	172,800	540	13,824	69	27,945	405	2,795
Haliburton .....	25	7,500	300	600	297	108,999	367	10,900
Halton .....	1,246	631,722	507	50,538	1,187	519,906	438	51,991
Hastings .....	376	178,224	474	14,258	2,068	905,784	438	90,578
Huron .....	4,813	2,531,638	526	202,531	3,693	1,831,728	496	183,173
Ken .....	718	331,716	462	26,537	64	20,032	313	2,003
Lambton .....	976	463,600	475	37,088	157	42,861	273	4,286
Lanark .....	286	124,410	435	9,953	1,086	586,440	540	58,644
Leeds .....	233	110,432	464	8,335	732	325,740	445	32,574
Lennox & Addingt'n	138	52,164	378	4,173	215	95,460	444	9,546
Lincoln .....	319	182,787	573	14,623	113	54,240	480	5,424
Macdonald .....	80	41,040	513	3,283	304	156,864	516	15,686
Middlesex .....	1,442	608,524	422	48,682	1,832	802,416	438	80,242
Mostoka .....	49	19,894	406	1,592	562	255,148	454	25,515
Nipissing .....	28	8,596	307	688	451	149,732	332	14,973
Norfolk .....	377	166,634	442	13,331	852	418,332	491	41,833
Northumberland...	917	379,638	414	30,371	4,513	2,089,519	463	208,952
Ontario .....	2,834	1,516,190	535	121,295	8,636	3,972,560	460	397,256
Oxford .....	2,249	1,093,014	486	87,441	5,244	2,821,272	538	282,127
Perry Sound .....	52	26,416	508	2,113	1,119	510,264	456	51,026
Peel .....	1,325	569,750	430	45,580	1,514	529,900	350	52,990
Perth .....	4,137	2,051,952	496	164,156	3,313	1,514,041	457	151,404
Peterborough .....	783	389,934	498	31,195	2,759	1,740,929	631	174,093
Prescott .....	152	70,680	465	5,654	520	248,560	478	24,856
Prince Edward .....	104	56,056	539	4,484	69	32,499	471	3,250
Rainy R'r & Kenora ..	52	16,900	325	1,352	147	53,067	361	5,307
Renfrew .....	184	65,504	356	5,240	936	379,080	405	37,908
Russell .....	85	38,250	450	3,060	500	250,000	500	25,000
Simcoe .....	2,909	1,544,679	531	123,574	6,577	3,591,042	546	359,104
Stormont .....	110	42,680	388	3,414	169	68,614	406	6,861
Sudbury .....	59	21,358	362	1,709	488	249,856	512	24,986
Thunder Bay .....	50	10,000	200	800	418	143,374	343	14,337
Timiskaming .....	27	10,584	392	847	253	88,044	348	8,804
Victoria .....	808	424,200	525	33,936	3,724	1,876,896	504	187,690
Waterloo .....	2,922	1,446,390	495	115,711	3,603	1,733,043	481	173,304
Welland .....	171	75,753	443	6,060	92	27,600	300	2,760
Wellington .....	3,278	1,560,328	476	124,826	9,699	4,102,677	423	410,268
Wentworth .....	1,203	700,146	582	56,012	2,365	1,229,800	520	122,980
York .....	4,250	2,333,250	549	186,660	4,879	2,249,219	461	224,922
The Province:								
1915 .....	50,799	25,356,323	498	2,028,505	97,451	46,598,851	478	4,659,885
1914 .....	50,663	25,439,520	502	2,035,162	95,371	46,336,708	486	4,633,671
1913 .....	54,568	21,935,847	402	1,754,868	97,572	41,889,894	429	4,188,989
Averages (10 years)								
1902-1911 .....	70,809	33,245,680	470	2,659,654	123,855	54,987,697	444	5,498,770
1892-1901 .....	39,984	17,864,726	447	1,429,178	147,080	63,424,431	431	6,342,443
1882-1891 .....	19,546	8,538,096	437	683,048	104,943	42,981,280	410	4,298,128
Average (34 years)								
1882-1915 .....	44,692	20,496,701	459	1,639,736	122,079	52,891,797	433	5,289,180



## SUGAR BEETS—MIXED GRAINS.

TABLE XIV.—Showing by County Municipalities of Ontario the area, produce and market value of Sugar Beets and Mixed Grains for the year 1915, together with the comparative totals for the Province for the past eight years, and the annual average for 1907-1915.

Counties and Districts.	Sugar Beets.				Mixed Grains.			
	Acres.	Bushels.	Per acre.	Market value.	Acres.	Bushels.	Per acre.	Market value.
				\$				\$
Algoma.....	8	2,400	300	300	1,080	46,656	43.2	29,398
Brant.....	444	202,464	456	25,308	5,846	256,055	43.8	138,270
Bruce.....	226	74,354	329	9,294	18,734	807,435	43.1	452,971
Carleton.....	224	88,256	394	11,032	11,430	424,053	37.1	231,536
Dufferin.....	275	90,750	330	11,344	11,425	420,440	36.8	227,458
Dundas.....	110	42,130	383	5,266	11,517	522,872	45.4	276,599
Durham.....	89	31,150	350	3,894	21,908	830,313	37.9	454,181
Elgin.....	228	73,644	323	9,205	9,290	331,653	35.7	165,495
Essex.....	541	157,972	292	19,746	4,523	168,256	37.2	87,325
Frontenac.....	150	51,800	342	6,412	5,807	220,666	38.0	137,034
Glengarry.....	79	18,960	240	2,370	2,816	107,008	38.0	60,674
Grenville.....	72	33,336	463	4,167	4,926	197,040	40.0	98,520
Grey.....	415	178,865	431	22,358	20,995	883,890	42.1	459,628
Haldimand.....	86	37,238	433	4,655	5,040	196,560	39.0	109,877
Haliburton.....	15	3,000	200	375	570	17,100	30.0	10,200
Halton.....	134	45,560	340	5,695	7,092	274,460	38.7	155,619
Hastings.....	153	45,288	296	5,661	5,439	191,453	35.2	121,764
Huron.....	585	207,090	354	25,886	21,677	903,931	41.7	471,852
Kent.....	8,680	3,211,600	370	401,450	6,650	307,895	46.3	145,019
Lambton.....	2,436	840,420	345	105,052	8,573	358,351	41.8	184,192
Lenark.....	130	50,440	388	6,305	7,798	312,700	40.0	189,496
Leeds.....	263	102,044	388	12,755	5,845	215,681	36.9	120,350
Lennox and Add..	118	38,940	330	4,868	8,250	345,675	41.9	187,702
Lineoln.....	284	121,836	429	15,230	2,285	105,339	46.1	58,674
Manitoulin.....	37	14,800	400	1,850	1,766	76,821	43.5	50,548
Middlesex.....	451	169,125	375	21,140	12,890	524,623	40.7	262,312
Muskoka.....	30	8,640	288	1,080	926	35,003	37.8	18,377
Nipissing.....	21	4,200	200	525	747	24,053	32.2	16,669
Norfolk.....	209	64,999	311	8,125	5,632	203,878	36.2	114,172
Northumberland..	135	45,200	320	5,400	10,829	385,512	35.6	221,284
Ontario.....	404	121,200	300	15,150	25,610	1,101,230	43.0	649,726
Oxford.....	696	302,760	435	37,845	21,618	1,016,046	47.0	531,392
Parry Sound.....	40	8,000	200	1,000	1,006	36,618	36.4	25,633
Peel.....	235	94,000	400	11,750	6,670	234,784	35.2	144,157
Perth.....	659	287,983	437	35,998	19,082	818,618	42.9	394,574
Peterborough.....					3,628	136,413	37.6	77,488
Prescott.....	37	14,356	388	1,795	2,899	92,768	32.0	58,722
Prince Edward..	67	26,666	398	3,333	3,881	139,716	36.0	75,866
Rainy R. & Kenora	32	8,640	270	1,080	188	8,366	44.5	5,580
Renfrew.....	107	42,265	395	5,283	4,314	141,499	32.8	87,729
Russell.....	30	10,860	362	1,358	3,247	135,075	41.6	73,616
Simcoe.....	651	285,138	438	35,642	21,994	923,748	42.0	570,876
Stormont.....	94	23,500	250	2,938	5,210	220,904	42.4	125,259
Sudbury.....	25	7,500	300	938	570	17,100	30.0	11,337
Thunder Bay.....	23	4,600	200	575	617	30,850	50.0	18,510
Timiskaming.....	4	1,200	300	150	297	13,365	45.0	9,195
Victoria.....	98	39,200	400	4,900	12,348	521,086	42.2	283,471
Waterloo.....	1,741	746,889	429	93,361	23,793	1,025,478	43.1	549,656
Welland.....	102	37,536	368	4,692	2,989	102,822	34.4	61,386
Wellington.....	510	208,590	409	26,074	44,080	1,842,544	41.8	939,697
Wentworth.....	263	124,925	475	15,616	8,946	387,362	43.3	221,571
York.....	444	194,472	438	24,309	20,445	819,845	40.1	429,599
The Province:								
1915.....	22,890	8,644,281	378	1,080,535	475,738	19,461,609	40.9	10,602,271
1914.....	18,534	7,466,819	403	933,352	456,631	16,854,550	36.9	10,074,687
1913.....	19,083	6,389,177	335	798,647	414,517	15,113,480	36.5	7,953,111
1912.....	21,054	7,819,066	371	977,383	448,402	16,382,161	36.5	8,674,724
1911.....	24,664	8,941,659	363	1,117,707	486,112	14,845,595	30.5	9,104,141
1910.....	26,879	11,238,577	418	1,348,629	497,936	18,261,803	36.7	9,187,822
1909.....	19,812	7,001,565	353	840,188	474,530	16,199,434	34.1	8,825,196
1908.....	17,453	7,004,748	401	840,570	456,049	15,354,350	33.7	8,444,893
Average (9 years)								
1907-1915.....	20,802	8,082,548	389	991,717	461,446	16,297,277	35.3	8,964,247



## HAY AND CLOVER—ALL FIELD CROPS.

TABLE XV.—Showing by County Municipalities of Ontario the area, produce, and market value of Hay and Clover, and all field crops enumerated in Tables VII and XV for the year 1915, together with the comparative totals for the Province for 1913 and 1914, and the annual averages for various periods.

Counties and Districts.	Hay and Clover.				All Field Crops.		
	Acres.	Tons.	Per acre.	Market value.	Acres.	Value.	Per acre.
				\$		\$	\$ c.
Algoma.....	20,240	35,736	1.77	475,646	38,568	1,006,898	26 11
Brant.....	39,252	54,940	1.40	737,295	135,695	3,155,775	23 26
Bruce.....	127,692	145,589	1.14	1,961,084	364,161	6,928,422	19 03
Carleton.....	90,593	112,705	1.24	1,941,907	242,420	5,523,697	22 79
Dufferin.....	62,909	101,566	1.61	1,138,555	189,376	3,477,588	18 36
Dundas.....	50,244	66,549	1.32	1,021,527	122,703	2,898,313	23 62
Durham.....	50,262	46,957	.93	809,069	212,279	4,176,260	19 67
Elgin.....	73,122	117,308	1.60	1,483,946	228,939	5,353,816	23 39
Essex.....	60,855	89,964	1.48	1,148,840	269,399	6,293,066	23 36
Frontenac.....	78,795	94,973	1.21	1,656,329	149,431	3,404,723	22 78
Glengarry.....	57,800	81,578	1.41	1,347,669	127,079	2,951,302	23 22
Grenville.....	46,936	46,135	.98	784,295	110,736	2,185,691	19 74
Grey.....	153,123	206,552	1.35	2,542,655	445,136	8,285,617	18 61
Haldimand.....	73,304	115,181	1.57	1,414,423	173,396	3,683,729	21 24
Haliburton.....	10,528	10,059	.96	167,784	24,783	429,068	17 31
Halton.....	42,674	61,424	1.44	952,072	121,871	2,679,082	21 98
Hastings.....	82,596	109,344	1.32	1,824,951	269,591	5,842,343	21 67
Huron.....	139,392	166,284	1.19	2,076,887	420,411	7,883,288	18 75
Kent.....	74,731	126,275	1.69	1,440,798	345,233	9,008,990	26 10
Lambton.....	105,363	143,889	1.27	1,567,840	306,429	6,401,583	20 90
Lincoln.....	73,620	71,728	.97	1,304,015	168,404	3,387,561	20 12
Leeds.....	64,824	64,669	1.00	1,131,708	150,863	3,252,607	21 56
Lennox & Addington ..	67,149	63,900	.95	996,840	154,956	2,952,032	19 05
Lincoln.....	47,309	70,050	1.48	1,068,263	104,792	2,681,111	25 59
Manitowlin.....	17,498	22,964	1.31	276,946	34,046	691,179	20 30
Middlesex.....	118,685	158,323	1.33	2,235,521	357,609	7,867,233	22 00
Muskoka.....	25,680	37,757	1.47	602,602	49,215	1,115,227	22 66
Nipissing.....	18,995	24,133	1.27	398,677	38,954	877,633	22 53
Norfolk.....	55,662	80,450	1.45	1,000,798	199,135	4,262,313	21 40
Northumberland.....	57,593	62,877	1.09	1,087,143	231,616	4,728,822	20 42
Ontario.....	63,385	69,562	1.10	1,135,252	278,401	6,059,371	21 76
Oxford.....	83,053	127,445	1.53	1,753,643	278,587	6,742,870	24 20
Parry Sound.....	28,991	37,123	1.28	597,680	60,390	1,331,585	22 05
Peel.....	55,926	83,593	1.49	1,271,450	183,245	3,869,664	21 12
Perth.....	97,081	135,561	1.40	1,808,384	311,095	6,497,981	20 89
Peterborough.....	44,786	47,961	1.07	851,787	168,049	3,432,426	20 43
Prescott.....	75,658	89,486	1.18	1,444,304	148,306	2,955,607	19 93
Prince Edward.....	43,428	53,715	1.24	830,971	129,570	2,715,956	20 96
Rainy River & Kenora.....	15,602	21,898	1.40	295,623	27,531	605,516	21 99
Renfrew.....	89,557	100,107	1.12	1,768,891	241,094	4,825,016	20 01
Russell.....	48,930	66,243	1.35	1,049,952	104,540	2,409,678	23 05
Simcoe.....	106,545	137,921	1.29	1,999,855	481,603	10,764,587	22 35
Stormont.....	44,373	62,908	1.42	987,656	97,493	2,374,374	24 36
Sudbury.....	21,120	31,665	1.50	470,542	39,946	963,776	24 13
Thunder Bay.....	9,876	9,892	1.00	152,337	23,730	546,890	23 04
Timiskaming.....	7,993	11,113	1.39	183,031	20,440	508,110	24 86
Victoria.....	47,523	52,422	1.10	819,356	197,386	3,952,665	20 03
Waterloo.....	52,149	79,986	1.53	1,166,196	202,014	4,788,482	23 70
Welland.....	55,199	77,911	1.41	1,103,220	130,797	3,024,410	23 10
Wellington.....	116,651	177,180	1.52	2,367,125	359,681	7,283,731	20 25
Wentworth.....	51,914	76,534	1.47	1,193,930	148,697	3,691,720	24 83
York.....	84,586	113,678	1.34	1,857,499	343,130	7,942,026	23 15
The Province:							
1915.....	3,231,752	4,253,763	1.32	61,704,769	9,762,951	210,674,415	21 58
1914.....	3,415,484	3,842,554	1.13	55,917,380	9,621,444	199,152,945	20 70
1913.....	3,428,846	3,924,563	1.14	51,302,565	9,541,537	168,455,253	17 65
Averages (10 years)							
1902-1911.....	3,072,288	4,722,662	1.54	47,093,908	9,233,879	156,824,689	16 98
1892-1901.....	2,520,783	3,650,840	1.45	29,085,813	8,494,796	106,139,762	12 49
1882-1891.....	2,290,495	3,102,733	1.35	32,086,445	7,517,606	116,195,708	15 48
Average (33 years)							
1882-1915.....	2,714,092	3,882,468	1.43	38,618,700	8,557,741	133,990,428	15 66

SUMMER FALLOW, PASTURE, ORCHARD, SMALL FRUITS, VINEYARD  
AND GARDEN.

TABLE XVI.—Showing by County Municipalities of Ontario the area of Summer Fallow, Pasture, Orchard, Small Fruits, Vineyard and Garden for the year 1915.

Counties and Districts.	Summer fallow.	Pasture.	Orchard	Small Fruits.	Vine- yard.	Garden.
	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.
Algoma .....	405	7,542	427	89	.....	466
Brant .....	2,578	27,328	4,247	495	17	864
Bruce .....	18,186	146,722	8,603	402	70	1,577
Carleton .....	1,949	107,934	2,219	178	22	1,270
Dufferin .....	5,022	56,442	2,290	99	13	601
Dundas .....	583	44,529	2,557	140	16	747
Durham .....	5,031	58,901	10,889	342	31	999
Elgin .....	6,331	90,904	9,275	761	62	1,797
Essex .....	1,389	51,277	7,558	1,218	289	2,799
Frontenac .....	1,240	89,532	2,335	170	20	1,094
Glengarry .....	440	49,346	1,636	67	13	559
Grenville .....	30	64,070	1,949	113	13	654
Grey .....	10,211	164,558	11,897	299	111	1,699
Haldimand .....	10,710	35,195	5,140	384	56	904
Haliburton .....	423	14,982	210	18	.....	239
Halton .....	3,347	26,579	7,373	1,579	99	922
Hastings .....	3,543	124,393	10,188	577	56	1,926
Huron .....	8,272	178,983	13,145	430	45	1,510
Kent .....	1,277	87,275	8,341	861	85	2,250
Lambton .....	3,944	142,684	13,700	633	71	1,874
Lanark .....	1,738	118,043	1,652	92	12	790
Leeds .....	533	97,619	2,124	164	20	939
Lennox and Addington .....	3,557	72,473	4,352	385	32	1,229
Lincoln .....	3,655	19,365	16,601	2,784	5,090	1,433
Manitoulin .....	110	9,695	334	30	.....	235
Middlesex .....	7,531	241,276	12,732	739	51	2,536
Muskoka .....	187	15,544	294	55	2	637
Nipissing .....	549	10,008	54	26	7	367
Norfolk .....	8,719	39,564	9,354	1,943	52	1,684
Northumberland .....	5,440	64,796	19,648	598	37	1,462
Ontario .....	3,794	67,689	7,677	426	47	1,397
Oxford .....	3,085	86,793	8,755	533	54	1,667
Parry Sound .....	935	20,639	210	27	.....	571
Peel .....	6,902	54,488	5,600	773	84	893
Perth .....	10,063	99,793	6,170	325	49	1,160
Peterborough .....	3,964	63,364	2,747	198	10	1,018
Prescott .....	441	50,809	1,139	173	58	1,011
Prince Edward .....	1,197	42,233	10,801	658	29	855
Rainy River and Kenora .....	449	5,786	13	8	.....	396
Renfrew .....	4,058	92,630	1,147	149	25	1,461
Russell .....	99	34,992	519	83	.....	508
Simcoe .....	30,149	113,830	9,873	538	98	2,308
Stormont .....	432	45,613	1,787	53	.....	495
Sudbury .....	760	9,058	17	19	5	389
Thunder Bay .....	770	4,633	11	37	.....	294
Timiskaming .....	331	4,464	26	8	.....	207
Victoria .....	2,771	59,109	2,937	85	21	912
Waterloo .....	5,840	31,140	4,462	239	20	647
Welland .....	8,415	26,759	7,745	911	931	1,199
Wellington .....	8,256	93,139	5,933	261	59	1,277
Wentworth .....	5,128	30,267	11,130	1,677	2,359	1,398
Yrk. ....	11,448	55,577	9,002	591	32	1,648
The Province:						
1915 .....	226,217	3,350,420	288,825	23,443	10,276	57,774
1914 .....	268,714	3,302,503	298,627	23,863	10,850	58,167
1913 .....	268,487	3,120,146	306,764	24,360	11,136	55,029
1912 .....	278,317	3,082,671	310,096	24,699	11,634	56,716
1911 .....	279,220	3,116,768	303,188	25,360	11,586	58,748
1910 .....	254,038	3,159,712	298,347	24,384	11,390	57,982
1909 .....	231,707	3,180,780	300,364	24,614	11,420	57,123



## RATIOS OF AREAS UNDER CROP.

TABLE XVII.—Showing by County Municipalities of Ontario the number of acres under the various crops in 1915 per 1,000 acres of cleared land; together with the comparative average for the Province for 1913 and 1914, and the annual averages for various periods.

Counties and Districts.	Fall Wheat.	Spring Wheat.	Barley.	Oats.	Peas.	Beans.	Rye.	Buckwheat.	Corn.	Potatoes.	Other roots.	Hay and Clover.	Mixed Grains.
Algoma .....	12.2	22.5	34.1	208.0	31.2	0.0	2.9	1.8	5.6	29.9	11.0	421.7	22.5
Brant .....	134.1	0.2	49.1	163.5	4.0	4.6	26.6	15.2	63.9	16.2	26.1	218.2	32.5
Bruce .....	56.7	8.2	36.2	203.1	19.4	0.7	2.1	5.5	23.5	7.6	11.4	219.6	32.2
Carleton .....	1.8	21.6	20.6	243.9	2.5	1.0	5.3	13.8	50.6	15.3	7.5	247.8	31.3
Dufferin .....	12.5	13.0	56.2	247.0	8.1	0.3	21.6	23.6	10.3	14.6	13.2	229.8	41.7
Dundas .....	1.8	8.2	33.2	185.8	1.3	1.3	2.8	12.1	83.6	11.1	2.1	283.0	64.9
Durham .....	33.4	21.9	36.2	194.1	25.5	1.8	50.5	25.3	36.6	13.0	19.0	164.1	71.6
Elgin .....	92.7	0.4	19.9	144.4	1.9	18.9	6.5	9.2	101.2	8.8	2.4	202.7	25.8
Essex .....	84.7	0.7	25.7	184.6	0.5	3.1	4.3	2.0	253.3	10.4	3.6	170.9	12.7
Frontenac .....	6.0	7.0	15.9	144.8	1.4	1.2	12.6	9.5	34.9	13.6	3.7	304.7	22.5
Glengarry .....	0.8	24.8	26.9	216.7	3.6	1.1	0.1	7.9	45.3	10.5	4.8	297.8	14.5
Grenville .....	0.6	4.8	7.5	199.6	1.4	1.3	5.3	24.6	51.8	14.7	3.3	251.0	26.3
Grey .....	35.4	10.8	42.9	232.3	11.7	0.1	2.4	11.9	24.8	9.0	10.7	221.5	30.4
Haldimand .....	133.4	1.6	36.2	169.1	3.0	1.6	2.2	8.0	31.2	6.5	2.0	304.5	20.9
Haliburton .....	1.4	7.0	18.8	193.0	11.1	1.0	10.1	21.5	14.4	12.9	7.7	230.0	12.4
Halton .....	107.0	7.3	37.4	182.3	6.5	.9	5.5	6.9	33.7	11.5	14.8	244.9	40.7
Hastings .....	41.3	5.9	34.6	205.6	4.4	1.2	26.9	22.1	47.2	13.6	6.0	185.9	12.2
Huron .....	46.4	3.6	49.6	213.5	7.1	14.4	0.9	8.2	27.4	6.6	13.8	210.4	32.7
Kent .....	133.9	0.7	31.2	143.6	1.9	57.3	1.9	1.4	159.1	10.0	20.2	158.9	14.1
Lambton .....	84.0	0.4	33.8	165.5	2.3	2.8	0.2	0.5	83.7	7.5	7.3	212.4	17.3
Lanark .....	4.0	20.1	16.9	145.1	2.8	.8	5.4	14.2	38.9	7.3	4.6	220.1	23.3
Leeds .....	7.8	5.7	16.0	171.7	2.2	0.9	6.3	16.4	53.2	10.7	4.7	239.0	21.5
Lennox & Add. ....	26.5	8.3	33.2	154.4	3.6	1.0	19.4	19.5	32.8	13.2	5.0	262.0	32.6
Lincoln .....	102.3	0.9	15.2	138.4	3.7	3.6	2.2	1.9	51.0	14.7	5.0	290.4	14.0
Manitoulin .....	11.8	28.5	39.0	143.2	33.0	0.2	6.1	4.7	16.4	12.7	9.1	360.8	36.4
Middlesex .....	75.8	0.2	25.4	158.5	1.7	2.3	1.6	1.4	57.5	11.9	5.7	179.6	19.5
Muskoka .....	0.9	6.4	12.8	244.0	10.3	0.3	3.4	2.8	11.4	17.8	9.9	365.5	13.1
Nipissing .....	1.7	25.2	20.5	250.4	23.7	.1	1.0	3.3	6.6	21.8	10.1	360.3	14.2
Norfolk .....	112.6	0.3	21.6	152.8	5.5	7.0	47.0	36.9	89.4	14.7	5.4	199.2	20.1
Northumberland .....	56.8	15.2	28.6	186.4	5.6	2.2	59.8	36.2	45.1	13.1	16.0	164.1	30.9
Ontario .....	39.4	18.9	51.7	231.2	17.0	1.2	21.1	24.4	47.1	14.7	51.3	166.6	67.3
Oxford .....	73.1	0.2	36.4	190.0	1.7	0.7	5.3	9.4	89.3	8.1	20.6	207.7	54.1
Parry Sound .....	0.6	14.3	13.3	259.8	24.3	0.2	4.7	1.4	4.6	17.4	14.8	339.1	11.8
Peel .....	69.0	13.2	80.4	208.6	7.5	0.3	17.7	10.4	24.5	14.6	12.1	212.4	25.3
Peter .....	61.1	1.1	58.5	238.0	7.0	0.2	0.3	4.6	34.8	7.1	18.0	214.5	42.2
Peterborough .....	42.8	18.2	34.6	229.6	25.2	0.6	30.6	21.1	32.4	9.9	13.7	171.7	13.9
Prescott .....	1.4	20.8	31.4	226.5	3.4	1.3	1.0	6.6	32.9	11.2	3.6	368.8	14.1
Prince Edward .....	38.1	5.3	50.9	151.4	11.4	3.2	41.9	34.3	69.5	10.5	1.4	220.5	19.7
Rainy R'r & Kenora ..	1.1	41.2	41.4	181.9	3.8	0.3	0.9	0.5	2.6	25.0	6.6	405.6	4.9
Renfrew .....	6.0	102.8	12.1	180.0	28.3	0.9	32.4	5.3	19.1	10.7	3.5	244.0	11.7
Russell .....	2.1	23.5	28.4	219.7	8.9	1.2	0.7	10.4	42.1	12.0	4.6	330.4	21.9
Simcoe .....	108.3	6.8	82.0	209.3	14.8	0.5	52.1	23.3	26.8	14.9	15.2	158.1	32.6
Stormont .....	0.3	10.5	21.8	180.8	0.7	1.0	0.3	19.5	55.4	12.7	2.6	283.0	33.2
Sudbury .....	0.3	19.8	27.8	227.7	21.4	0.1	0.8	3.1	43.7	3.0	1.2	403.5	10.8
Thunder Bay .....	24.0	50.5	238.4	12.7	0.5	4.6	0.6		4.2	58.6	17.0	306.7	19.1
Timiskaming .....	4.3	35.7	33.7	314.9	26.3	0.2	...	0.3	0.2	22.9	10.8	295.5	11.0
Victoria .....	33.8	24.7	56.0	253.8	19.1	0.3	10.6	22.0	31.9	8.4	16.1	164.8	42.8
Waterloo .....	108.8	0.6	37.1	233.3	6.1	0.3	12.6	9.6	44.2	13.6	32.8	206.4	94.2
Welland .....	131.1	0.2	9.0	135.6	0.5	17.5	2.4	12.3	64.7	17.1	2.1	298.4	16.2
Wellington .....	22.6	7.9	44.5	225.3	13.8	0.2	4.1	18.0	20.7	10.9	26.9	231.6	87.5
Wentworth .....	96.9	1.4	32.7	177.8	0.9	0.6	9.3	8.2	43.9	21.7	18.1	243.2	41.9
York .....	84.5	19.7	75.0	233.9	16.4	0.7	10.1	23.1	39.6	19.0	22.0	193.2	46.7
The Province:													
1915 .....	55.5	11.1	37.8	196.4	8.7	4.3	11.9	13.2	51.5	11.9	11.9	221.0	32.5
1914 .....	47.0	8.1	39.7	190.2	12.2	3.5	9.5	12.1	48.6	11.5	11.5	234.0	31.3
1913 .....	44.5	8.0	43.0	186.0	12.2	4.6	8.2	15.7	47.4	11.0	12.0	236.2	28.5
Average (10 yrs) .....													
1902-1911 .....	51.3	13.0	50.7	192.8	27.7	3.6	8.0	9.4	40.1	10.9	15.8	219.0	33.1
1892-1901 .....	73.2	28.0	39.2	180.2	60.5	4.1	10.1	10.3	35.5	12.9	15.6	198.2	.....
1882-1891 .....	81.6	50.9	67.2	150.4	60.5	2.4	9.4	6.2	17.7	14.0	12.2	207.1	.....
Average (34 years) .....													
1832-1915 .....	65.2	26.5	50.2	177.7	43.5	3.5	9.1	8.7	42.1	12.4	15.3	211.5	32.0

\* Including Sugar Beets.

† Average for 5 years.

‡ Average for 9 years.



## MARKET PRICES.

TABLE XVIII.—The following table shows by counties the average prices of agricultural products for 1915, together with the average price for the 1913 and 1914, and the annual averages for various periods.

Counties and Districts.	Fall Wheat, per bush.	Spring Wheat, per bush.	Barley, per bush.	Oats, per bush.	Peas, per bush.	Beans, per bush.	Rye, per bush.	Buckwheat, per bush.	Corn (in ear), per bush.	Hay, per ton.	Potatoes, per bush.
	cts.	cts.	cts.	cts.	cts.	\$ c.	cts.	cts.	cts.	\$ c.	cts.
Algoma.....	109.7	107.8	65.6	43.7	144.3	2 50	69.2	71.0	52.7	13 31	83.4
Brant.....	98.5	95.0	53.2	39.8	133.2	2 95	77.3	72.9	52.4	13 42	103.3
Bruce.....	97.9	90.6	53.2	37.6	179.7	2 63	71.4	66.7	49.2	13 47	74.9
Carleton.....	103.3	105.9	62.9	41.0	171.0	3 12	74.3	71.4	55.0	17 23	81.9
Dufferin.....	101.6	100.2	55.9	39.6	159.7	3 10	79.2	70.3	52.0	11 21	74.8
Dundas.....	110.0	108.7	67.4	44.1	137.1	3 04	72.5	70.2	53.8	15 35	70.0
Durham.....	99.3	96.4	58.4	37.6	171.7	2 76	81.6	72.5	49.2	17 23	90.9
Elgin.....	95.3	94.7	60.3	41.7	133.8	3 13	79.7	70.3	49.2	12 65	96.5
Essex.....	96.6	93.9	53.0	36.0	160.0	2 79	75.2	69.6	41.0	12 77	85.0
Frontenac.....	98.5	99.5	61.1	41.5	131.5	2 58	79.8	71.5	56.2	17 44	94.1
Glengarry.....	103.8	108.7	65.8	43.5	147.7	2 86	80.0	71.1	51.1	16 52	75.0
Grenville.....	103.6	103.3	68.1	42.2	121.3	3 00	83.5	74.3	53.0	17 00	81.3
Grey.....	99.5	99.0	53.2	37.5	164.5	2 52	76.3	67.0	50.5	12 31	74.7
Haldimand.....	95.3	93.3	56.8	40.1	123.2	3 07	72.3	74.3	49.7	12 28	92.9
Haliburton.....	105.0	99.0	58.1	39.4	143.0	2 50	76.0	69.9	60.0	16 68	56.7
Halton.....	99.0	96.4	57.9	42.3	147.5	3 25	73.6	74.2	54.0	15 50	99.8
Hastings.....	98.9	98.8	62.2	40.3	134.0	3 01	76.3	72.0	60.0	16 69	87.0
Huron.....	98.5	95.8	51.6	37.8	172.0	3 12	76.0	68.3	51.2	12 49	87.6
Kent.....	95.3	92.0	49.5	36.6	131.3	3 10	66.0	64.6	39.5	11 41	94.0
Lambton.....	96.2	97.3	52.2	35.8	134.4	2 96	72.3	70.0	46.9	11 71	91.9
Lanark.....	104.8	102.6	60.7	39.6	151.6	2 94	77.4	68.3	50.0	18 18	77.6
Leeds.....	104.8	107.6	65.1	43.3	128.0	2 95	81.7	72.8	53.3	17 50	80.1
Lennox and Add.....	96.5	98.5	57.8	39.7	149.8	3 00	79.5	73.5	49.8	15 60	88.0
Lincoln.....	96.8	100.0	60.1	41.4	127.7	3 36	78.3	72.3	58.2	15 25	96.7
Manitoulin.....	100.6	98.5	61.8	40.4	154.0	2 50	75.0	67.5	50.0	12 06	62.2
Middlesex.....	95.2	97.1	52.5	39.0	123.9	3 06	72.3	72.7	49.2	14 12	101.3
Muskoka.....	105.0	104.6	69.2	44.8	156.5	3 00	78.3	66.7	50.0	15 96	73.1
Nipissing.....	106.7	99.1	68.5	41.0	160.6	3 00	68.3	65.0	50.0	16 52	63.7
Norfolk.....	96.0	95.0	58.0	41.7	134.4	2 98	79.0	74.0	48.8	12 44	91.4
Northumberland.....	97.2	96.2	57.2	38.7	173.5	3 04	81.8	73.5	49.8	17 29	95.4
Ontario.....	95.2	92.4	54.8	37.4	156.0	2 64	78.6	72.3	55.0	16 32	81.0
Oxford.....	98.9	97.6	56.0	41.7	125.2	3 18	82.0	75.1	52.9	13 76	98.2
Parry Sound.....	103.6	102.4	69.0	43.7	144.8	2 85	77.5	77.4	60.0	16 10	67.1
Peel.....	97.3	90.2	58.2	39.6	158.0	3 10	80.7	76.1	54.0	15 21	89.1
Perth.....	100.0	94.3	53.2	39.1	139.4	3 00	75.0	69.3	52.4	13 34	90.0
Peterborough.....	101.2	97.7	57.1	36.3	189.7	3 22	78.5	67.0	54.0	17 76	96.0
Prescott.....	105.0	103.4	67.6	43.2	182.2	3 08	72.2	76.7	58.0	16 14	70.0
Prince Edward.....	97.6	96.9	54.8	36.7	143.4	3 23	81.5	74.6	49.3	15 47	89.7
Rainy R. & Kenora.....	99.1	100.3	67.4	45.2	159.0	3 00	80.0	75.0	50.0	13 50	72.7
Renfrew.....	96.7	99.3	61.1	39.9	165.5	2 97	79.6	68.4	52.3	17 67	65.7
Russell.....	110.0	105.1	68.1	40.9	182.9	2 96	85.0	71.7	52.9	15 85	74.6
Simcoe.....	97.1	95.8	54.2	37.9	170.4	2 72	76.8	69.0	56.8	14 50	70.4
Stormont.....	108.0	108.0	67.2	42.7	125.0	3 02	80.0	73.3	54.6	15 70	74.7
Sudbury.....	112.5	113.9	71.3	46.8	155.0	3 00	70.0	68.3	50.0	14 86	74.3
Thunder Bay.....	.....	105.7	63.3	46.2	191.0	3 00	70.0	70.0	50.0	15 40	62.1
Timiskaming.....	101.3	97.2	56.0	41.3	159.0	3 00	.....	70.0	.....	16 47	62.6
Victoria.....	94.5	88.1	52.0	37.1	168.6	2 80	75.9	70.1	56.0	15 63	75.2
Waterloo.....	98.4	99.0	58.5	42.9	150.0	3 44	79.8	73.5	52.5	14 58	92.3
Welland.....	96.2	98.3	57.8	42.8	120.6	3 94	70.0	72.5	50.6	14 16	95.8
Wellington.....	96.8	95.9	54.5	38.6	156.8	3 01	75.9	70.4	50.8	13 36	99.1
Wentworth.....	98.2	96.0	58.6	42.6	138.8	3 09	76.7	72.2	52.9	15 60	91.7
York.....	96.8	91.5	55.0	40.8	159.4	3 12	80.9	73.1	54.0	16 34	88.0
The Province:											
1915.....	97.1	98.6	56.0	39.5	161.6	3 11	78.9	71.5	45.4	14 51	81.4
1914.....	109.1	107.9	64.3	49.5	136.6	2 14	84.9	71.5	45.7	14 55	44.0
1913.....	85.0	87.9	55.5	36.9	100.6	1 70	66.2	63.5	43.0	13 07	63.7
Averages (10 years)											
1902-1911.....	83.6	81.2	50.1	36.7	74.8	1 48	60.2	52.4	38.2	9 97	51.4
1892-1901.....	67.8	67.5	38.5	27.9	53.5	93	44.9	38.7	25.0	7 97	33.6
1882-1891.....	90.0	89.6	54.5	34.3	61.6	1 16	60.0	41.5	.....	10.34	45.0
Average (34 years)											
1882-1915.....	82.0	82.1	50.0	34.7	62.9	1 34	57.5	49.2	*33.7	9 95	45.4

\* Average for 24 years, 1892-1915.

## HORSES AND

TABLE XIX.—Showing by County Municipalities the number and value of Horses and Cattle June 30th, 1915, together with the totals

Counties and Districts.	Horses all ages.				Cattle.	
	Number on hand.	Value.	Horses sold.		Milk cows on Hand.	
			Number.	Value.	Number.	Value.
		\$		\$		\$
Algoma .....	3,115	489,055	199	28,656	3,978	250,216
Brant .....	10,506	1,481,346	647	93,168	13,033	888,590
Bruce .....	29,924	4,009,816	3,500	521,500	28,515	1,761,086
Carleton .....	18,543	2,874,165	1,461	241,065	35,357	1,978,224
Dufferin .....	14,028	1,823,640	1,520	202,160	12,591	758,230
Dundas .....	9,370	1,227,470	855	110,295	24,868	1,487,604
Durham .....	15,573	2,164,647	1,488	212,784	15,642	940,770
Elgin .....	20,011	2,781,529	2,345	344,715	28,639	1,986,401
Essex .....	24,309	3,354,642	2,204	310,764	17,588	1,117,190
Frontenac .....	10,647	1,394,757	1,007	130,910	23,836	1,291,911
Glengarry .....	10,718	1,468,366	917	133,882	23,322	1,314,428
Grenville .....	7,740	1,006,200	698	88,646	18,632	1,012,463
Grey .....	34,369	4,574,184	3,415	474,685	35,182	2,125,345
Haldimand .....	13,086	1,805,868	1,293	186,192	14,265	908,395
Haliburton .....	1,720	235,640	230	30,130	2,318	116,225
Halton .....	9,018	1,298,592	764	116,128	11,477	771,943
Hastings .....	19,667	2,655,045	1,755	240,435	37,620	2,001,008
Huron .....	35,958	5,070,078	4,866	763,962	33,580	2,226,354
Kent .....	29,832	4,176,480	2,886	418,470	22,016	1,469,128
Lambton .....	27,286	3,738,182	2,845	409,680	28,257	1,864,962
Lanark .....	12,340	1,715,260	1,027	143,780	22,957	1,219,017
Leeds .....	11,064	1,438,320	782	102,442	32,781	1,792,793
Lennox & Addington .....	11,737	1,455,388	920	128,800	19,142	1,029,648
Lincoln .....	9,933	1,400,553	644	89,516	8,724	578,401
Manitoulin .....	2,794	343,662	286	39,468	3,443	200,899
Middlesex .....	37,757	5,285,980	4,537	694,161	45,152	3,029,699
Muskoka .....	3,587	555,985	322	45,402	5,732	312,050
Nipissing .....	2,574	411,840	226	31,414	4,410	233,906
Norfolk .....	15,721	2,138,056	1,319	176,746	18,170	1,163,243
Northumberland .....	18,466	2,437,512	1,689	226,326	23,436	1,431,940
Ontario .....	22,937	3,279,991	2,551	405,609	23,362	1,520,633
Oxford .....	22,744	3,252,392	1,999	297,851	46,300	3,206,275
Parry Sound .....	3,952	592,800	390	50,700	5,931	323,062
Peel .....	14,574	2,113,230	1,498	229,194	17,388	1,121,178
Perth .....	26,916	3,768,240	2,928	456,768	34,539	2,297,534
Peterborough .....	12,735	1,706,490	1,248	172,224	18,367	1,004,491
Prescott .....	8,820	1,234,800	921	133,545	21,809	1,087,833
Prince Edward .....	9,975	1,216,950	855	115,425	14,155	782,772
Rainy R'r & Kenora .....	2,190	407,340	220	36,300	2,085	135,525
Renfrew .....	15,501	2,402,655	1,242	180,090	24,154	1,151,663
Russell .....	7,469	1,023,253	818	122,700	16,592	863,448
Simcoe .....	37,604	5,114,144	3,223	454,443	36,386	2,106,749
Stormont .....	8,222	1,077,082	634	88,760	22,723	1,219,316
Sudbury .....	2,229	352,182	285	41,895	3,900	211,302
Thunder Bay .....	1,524	283,464	67	9,045	2,343	177,131
Timiskaming .....	1,394	243,950	202	31,512	1,398	94,770
Victoria .....	15,334	2,070,090	1,558	230,584	16,609	964,983
Waterloo .....	14,729	1,988,415	1,591	222,740	16,855	1,102,654
Welland .....	10,561	1,489,101	764	109,252	11,808	759,845
Wellington .....	27,254	3,652,036	2,688	397,824	26,486	1,825,031
Wentworth .....	13,482	1,927,926	769	104,584	15,223	992,844
York .....	27,592	3,973,248	2,429	376,495	29,441	1,987,856
The Province:						
1915 .....	779,131	107,982,037	75,527	11,003,822	1,022,518	62,196,964
1914 .....	774,544	112,576,793	80,872	12,480,960	1,006,703	57,336,788
1913 .....	751,726	113,240,047	96,841	15,507,939	1,032,039	52,176,881
1912 .....	742,139	109,000,214	101,911	15,793,129	1,044,177	49,929,061
1911 .....	737,916	103,373,206	105,741	15,616,714	1,045,610	47,377,588



## CATTLE.

on hand July 1, 1915 and the number and value of those sold or slaughtered in the year ending for the Province for the past five years.

Cattle.						Counties and Districts.
Other cattle on hand.		Total on hand.		Sold or slaughtered.		
Number.	Value.	Number.	Value	Number.	Value.	
	\$		\$		\$	
6,227	166,261	10,205	416,477	2,937	120,828	Algoma.
20,299	672,506	33,332	1,561,096	11,079	587,409	Brant.
74,871	2,529,891	103,386	4,290,977	35,543	2,158,526	Bruce.
48,396	1,628,525	83,753	3,606,749	25,978	1,160,697	Carleton.
32,648	1,124,724	45,239	1,882,954	14,080	794,394	Dufferin.
17,889	422,538	42,757	1,910,142	9,488	351,625	Dundas.
32,585	982,438	48,228	1,923,208	16,243	869,975	Durham.
41,390	1,519,013	70,029	3,505,414	26,390	1,475,729	Elgin.
25,874	792,003	43,462	1,909,193	14,039	624,314	Essex.
23,333	640,724	47,169	1,932,635	14,627	526,572	Frontenac.
18,052	455,994	41,374	1,770,422	9,795	341,356	Glengarry.
16,383	462,656	35,015	1,475,119	9,368	354,110	Grenville.
84,002	2,878,749	119,184	5,004,094	40,354	2,249,736	Grey.
24,219	775,008	38,484	1,683,403	13,788	656,447	Haldimand.
4,914	121,916	7,232	238,141	2,716	93,756	Haliburton.
20,815	726,235	32,292	1,498,178	11,146	636,214	Halton.
44,119	1,012,972	81,739	3,013,980	24,623	722,931	Hastings.
89,376	3,520,521	122,956	5,746,875	43,869	2,709,788	Huron.
48,410	1,887,990	70,426	3,357,118	26,106	1,498,484	Kent.
71,919	2,771,039	100,176	4,636,001	36,494	2,102,784	Lambton.
43,685	1,148,916	66,642	2,367,933	19,176	819,966	Lanark.
27,609	667,310	60,390	2,460,103	13,457	499,255	Leeds.
25,047	611,648	44,189	1,641,296	12,959	463,155	Lennox & Addington.
10,623	333,137	19,347	911,538	6,115	262,211	Lincoln.
8,140	220,024	11,583	420,923	3,256	155,637	Manitoulin.
96,400	3,871,424	141,552	6,901,123	55,072	3,097,800	Middlesex.
9,023	227,560	14,755	539,610	4,901	172,417	Muskoka.
6,867	156,430	11,277	390,336	3,789	128,106	Nipissing.
22,684	658,517	40,854	1,821,760	13,515	540,870	Norfolk.
34,297	979,522	57,733	2,411,462	19,110	773,382	Northumberland.
50,483	1,756,304	73,845	3,276,937	23,500	1,372,870	Ontario.
45,151	1,609,182	91,451	4,815,457	26,648	1,391,559	Oxford.
11,532	293,951	17,463	617,013	6,259	234,587	Parry Sound.
28,329	1,041,941	45,717	2,163,119	17,615	1,021,846	Peel.
61,797	2,096,549	96,336	4,304,083	29,913	1,567,142	Perth.
30,704	814,884	49,071	1,819,375	15,038	609,189	Peterborough.
19,824	382,405	41,633	1,470,238	8,972	298,409	Prescott.
13,657	322,988	27,812	1,105,760	8,560	300,028	Prince Edward.
3,470	100,422	5,555	235,947	1,662	66,480	Rainy River & Kenora.
47,832	1,180,015	71,986	2,331,678	22,499	902,210	Renfrew.
16,751	436,029	33,343	1,299,477	8,785	299,744	Russell.
75,866	2,233,495	112,252	4,340,244	35,292	1,770,247	Simcoe.
14,429	346,873	37,152	1,566,189	7,474	259,871	Stormont.
5,720	129,444	9,620	340,746	3,260	107,678	Sudbury.
3,381	95,175	5,724	272,306	2,022	75,825	Thunder Bay.
1,682	42,386	3,080	137,156	1,448	56,762	Timiskaming.
36,754	1,074,319	53,363	2,039,302	18,530	883,140	Victoria.
27,245	921,698	44,100	2,024,352	20,483	1,211,569	Waterloo.
14,428	430,964	26,236	1,190,809	8,574	381,886	Welland.
60,225	2,113,295	86,711	3,936,326	34,028	2,009,013	Wellington.
18,665	623,411	33,888	1,616,255	11,698	572,617	Wentworth.
34,207	1,244,451	63,648	3,232,307	23,121	1,337,087	York.
1,652,228	53,166,372	2,674,746	115,363,336	875,394	43,678,233	The Province:
1,597,925	49,238,360	2,604,628	106,635,148	911,794	42,978,531	1915.
1,596,806	43,582,141	2,628,845	95,759,022	880,303	38,751,801	1914.
1,580,603	40,474,841	2,624,780	90,403,902	849,140	36,269,271	1913.
1,547,595	37,257,374	2,593,205	84,634,962	837,544	34,065,248	1912.
						1911.



## SHEEP, SWINE

TABLE XX.—Showing by County Municipalities the number and value of Sheep, Swine and year ending June 30, 1915, together with the

Counties and Districts.	Sheep and Lambs.				Swine.	
	Number on hand.	Value.	Sold or slaughtered.		Number on hand.	Value.
			Number.	Value.		
		\$		\$		\$
Algoma .....	8,980	57,831	4,245	25,810	4,497	42,766
Brant .....	9,524	73,430	4,578	33,419	26,045	271,649
Bruce .....	39,240	278,756	23,353	155,064	51,400	503,720
Carleton .....	26,627	189,052	13,396	90,959	28,535	292,484
Dufferin .....	24,196	170,098	13,310	88,245	29,382	288,237
Dundas .....	4,878	30,048	2,333	14,395	23,477	231,953
Durham .....	26,249	195,080	13,976	98,671	29,507	285,923
Elgin .....	21,615	165,787	11,318	80,245	61,565	591,640
Essex .....	19,814	137,311	10,212	65,153	132,486	1,257,292
Frontenac .....	15,360	108,134	9,497	61,825	18,663	183,831
Glengarry .....	5,509	37,847	3,309	19,126	16,086	167,616
Grenville .....	8,451	56,284	5,846	37,005	15,030	157,815
Grey .....	63,810	459,432	37,298	250,643	63,649	640,945
Haldimand .....	14,252	101,474	8,013	54,889	25,119	251,944
Haliburton .....	5,332	30,232	2,911	15,137	2,146	21,052
Halton .....	8,787	69,681	4,713	34,970	20,113	204,549
Hastings .....	28,267	170,450	14,479	88,177	44,048	444,004
Huron .....	25,866	190,374	13,732	98,596	74,564	748,623
Kent .....	20,625	154,894	11,789	84,881	124,788	1,165,250
Lambton .....	30,056	226,622	16,332	120,857	67,904	672,520
Lanark .....	32,985	212,094	15,981	102,278	21,725	208,560
Leeds .....	13,015	85,899	6,279	41,441	25,359	245,475
Lennox and Addington .....	13,590	84,938	7,067	42,614	17,969	185,081
Lincoln .....	5,044	40,352	3,019	21,405	13,277	141,002
Manitoulin .....	17,589	104,006	7,370	40,240	4,609	37,333
Middlesex .....	25,030	200,991	15,736	118,492	66,897	673,653
Muskoka .....	12,246	75,803	6,010	35,399	3,205	33,653
Nipissing .....	6,148	34,552	3,817	20,574	4,874	44,451
Norfolk .....	14,563	98,300	7,961	50,473	37,959	360,611
Northumberland .....	14,275	110,203	7,350	52,406	34,020	340,880
Ontario .....	33,326	267,275	16,464	127,925	52,530	525,300
Oxford .....	9,542	74,618	5,360	39,503	62,817	633,195
Parry Sound .....	17,458	111,731	8,426	47,354	5,351	52,333
Peel .....	10,236	82,400	6,169	45,342	27,419	277,206
Perth .....	13,074	104,200	8,284	59,728	74,930	796,506
Peterborough .....	15,272	99,268	7,767	48,854	21,973	224,344
Prescott .....	7,887	48,663	5,920	32,501	16,107	176,694
Prince Edward .....	10,209	70,238	5,344	34,148	14,250	146,633
Rainy River and Kenora .....	1,037	8,598	557	4,055	3,255	35,056
Renfrew .....	51,328	284,357	22,899	129,379	24,666	211,881
Russell .....	3,797	25,516	2,121	14,163	14,414	140,537
Simcoe .....	55,930	398,222	30,310	197,015	86,505	815,742
Stormont .....	4,968	32,739	2,851	17,961	19,656	188,501
Sudbury .....	5,020	29,819	2,730	17,144	4,670	53,658
Thunder Bay .....	428	2,923	128	896	3,264	34,598
Timiskaming .....	1,172	7,571	334	2,123	1,260	15,901
Victoria .....	25,466	172,659	12,648	80,441	32,708	311,380
Waterloo .....	5,730	44,694	4,097	29,826	43,019	427,609
Welland .....	6,758	44,130	4,448	27,266	14,062	147,510
Wellington .....	39,313	325,119	20,013	158,103	71,103	784,977
Wentworth .....	10,122	78,850	5,830	44,075	26,153	273,037
York .....	18,099	148,412	11,390	88,500	60,235	595,616
The Province:						
1915 .....	908,095	6,403,907	489,320	3,289,701	1,769,295	17,562,726
1914 .....	922,375	6,155,451	512,066	3,219,409	1,770,533	17,951,258
1913 .....	996,155	6,242,672	534,311	3,163,752	1,618,734	15,393,192
1912 .....	1,021,848	6,181,595	531,957	3,054,930	1,702,652	14,131,908
1911 .....	1,040,245	6,213,021	505,015	2,839,888	1,744,933	14,593,917

## AND POULTRY.

Poultry on hand on July 1, 1915, and the number and value of those sold or slaughtered in the totals for the Province for the past five years.

Swine.		Poultry of all classes.				Counties and Districts.
Sold or slaughtered.		Number on hand.	Value.	Sold or slaughtered.		
Number.	Value.			Number.	Value.	
	\$		\$		\$	
4,954	62,519	63,419	38,916	35,930	23,355	Algoma.
31,356	490,721	163,977	87,489	81,641	52,250	Brant.
73,700	1,100,341	490,386	241,718	219,678	131,807	Bruce.
36,453	524,559	355,798	217,923	189,686	132,780	Carleton.
35,153	544,168	193,019	101,451	86,484	51,890	Dufferin.
30,558	426,284	250,909	138,139	102,618	65,676	Dundas.
40,674	633,294	290,624	154,830	129,948	79,268	Durham.
69,799	1,049,777	416,220	214,731	194,604	118,708	Elgin.
112,788	1,804,608	630,940	309,236	278,686	153,277	Essex.
22,904	335,544	182,608	112,716	117,927	75,473	Frontenac.
17,389	267,791	177,385	101,141	87,683	53,487	Glengarry.
19,611	286,713	179,592	100,092	88,328	54,763	Grenville.
83,847	1,252,674	541,361	264,653	249,794	149,876	Grey.
32,429	469,572	235,890	127,605	120,528	72,317	Haldimand.
2,754	35,802	27,174	14,103	12,800	7,680	Haliburton.
27,550	400,577	160,806	100,656	93,528	64,534	Halton.
55,139	800,618	371,279	192,040	173,899	104,339	Hastings.
100,506	1,555,833	695,213	342,555	290,145	171,186	Huron.
121,183	1,898,938	678,960	321,546	284,341	153,544	Kent.
76,021	1,172,244	585,607	291,030	258,212	152,345	Lambton.
27,603	403,004	209,019	113,568	95,606	59,276	Lanark.
29,261	415,506	212,726	117,527	101,751	61,051	Leeds.
24,164	350,136	209,797	118,394	100,862	60,517	Lennox & Addington.
18,205	271,255	178,891	100,567	108,632	70,611	Lincoln.
5,800	63,800	42,304	22,652	22,231	13,339	Manitoulin.
81,218	1,232,889	753,700	425,374	359,724	223,029	Middlesex.
5,130	69,871	69,120	36,636	38,677	21,659	Muskoka.
4,401	65,091	45,334	23,512	22,976	13,556	Nipissing.
46,641	663,235	340,263	174,057	157,394	86,567	Norfolk.
44,368	631,800	334,585	187,561	143,674	84,768	Northumberland.
60,856	910,406	344,945	198,878	179,324	118,354	Ontario.
77,622	1,187,617	400,442	212,107	170,663	100,691	Oxford.
7,360	96,710	71,214	38,502	36,543	22,291	Parry Sound.
36,302	551,790	253,283	164,833	152,258	108,103	Peel.
94,779	1,456,753	510,027	261,155	209,916	125,950	Perth.
28,614	402,027	223,885	123,358	100,532	61,325	Peterborough.
12,852	208,331	166,071	99,211	82,236	50,986	Prescott.
20,071	272,363	159,099	84,288	73,577	44,146	Prince Edward.
3,961	55,177	49,258	27,807	22,297	14,047	Rainy River and Kenora.
20,762	309,146	234,290	127,183	108,250	66,033	Renfrew.
14,533	218,867	120,976	67,178	67,471	41,832	Russell.
101,569	1,532,676	603,946	313,290	261,996	162,438	Simcoe.
23,902	360,203	181,139	104,427	77,871	47,501	Stormont.
3,640	56,384	48,778	27,457	25,833	16,016	Sudbury.
3,171	40,462	46,016	26,414	20,287	12,578	Thunder Bay.
2,053	29,871	30,461	16,947	15,631	9,848	Timiskaming.
39,891	590,387	249,268	131,758	104,882	63,978	Victoria.
53,895	785,250	235,331	113,056	103,157	57,768	Waterloo.
19,251	272,787	223,531	121,499	133,057	79,834	Welland.
94,403	1,374,508	409,728	226,054	201,189	134,797	Wellington.
34,415	507,277	198,005	123,270	110,197	73,832	Wentworth.
75,475	1,130,616	426,492	269,236	258,915	186,419	York.
						The Province:
2,110,936	31,628,772	14,273,091	7,670,326	6,764,069	4,161,695	1915.
1,984,105	30,275,538	14,175,214	7,551,428	6,575,434	4,062,797	1914.
2,078,462	28,378,551	13,511,383	6,956,952	6,325,007	3,848,973	1913.
2,088,874	26,656,149	13,024,983	6,121,323	5,501,913	3,208,860	1912.
1,963,937	25,318,455	12,942,293	5,905,318	5,011,313	2,835,085	1911.

## WOOL CLIP, POULTRY ON HAND AND LIVE STOCK SOLD.

TABLE XXI. Showing by County Municipalities the number of pounds of wool, the number of turkeys, geese, ducks and other fowls on hand June 30th, 1915; also the value of all live stock sold or killed in the year ending June 30, 1915, together with the totals for the Province for the past five years.

Counties and Districts.	Wool Clip.	Poultry on Hand.				Total value of Live Stock sold or killed.
		Turkeys.	Geese.	Ducks.	Other fowl.	
	lbs.	No.	No.	No.	No.	\$
Algoma .....	35,245	5,166	1,399	596	56,258	261,168
Brant .....	38,442	1,058	4,144	5,536	153,239	1,256,967
Bruce .....	145,043	32,695	18,436	23,800	415,455	4,067,238
Carleton .....	86,375	19,831	13,711	13,930	308,326	2,150,060
Dufferin .....	84,296	6,690	14,132	7,959	164,238	1,680,857
Dundas .....	19,570	17,927	6,972	7,831	218,179	968,275
Durham .....	106,820	10,741	11,840	11,124	256,919	1,893,992
Elgin .....	83,957	22,449	8,418	11,856	373,497	3,069,174
Essex .....	87,093	15,349	13,207	28,250	574,134	2,958,116
Frontenac .....	53,440	22,320	3,947	7,573	148,768	1,130,324
Glengarry .....	17,532	15,408	3,728	4,284	153,965	815,642
Grenville .....	27,719	12,772	4,906	6,709	155,205	821,237
Grey .....	209,718	28,782	22,767	23,161	466,651	4,377,614
Haldimand .....	51,420	8,198	6,874	9,161	211,657	1,439,417
Haliburton .....	17,960	2,580	442	574	23,578	182,505
Halton .....	36,406	4,256	6,715	7,539	142,296	1,252,423
Hastings .....	83,590	22,922	8,442	8,413	331,502	1,956,500
Huron .....	96,136	30,532	19,356	37,182	608,143	5,299,365
Kent .....	98,018	17,597	13,977	33,196	614,190	4,054,317
Lambton .....	124,663	36,647	14,434	26,533	507,993	3,957,910
Lanark .....	92,526	14,583	4,998	4,041	185,397	1,528,304
Leeds .....	35,403	17,877	3,770	8,524	182,555	1,119,695
Lennox & Addington .....	44,380	17,751	3,904	4,883	183,259	1,045,222
Lincoln .....	19,128	3,839	2,304	6,824	165,924	714,998
Manitoulin .....	69,717	4,243	1,177	1,717	35,167	312,484
Middlesex .....	116,702	56,223	16,960	27,157	653,360	5,366,371
Muskoka .....	38,084	2,731	423	1,052	64,914	344,748
Nipissing .....	21,478	882	801	630	43,021	258,741
Norfolk .....	52,432	12,228	6,100	9,737	312,198	1,517,891
Northumberland .....	61,358	17,010	6,972	6,929	303,674	1,768,682
Ontario .....	145,723	6,438	15,848	15,969	306,690	2,935,164
Oxford .....	41,076	9,755	7,956	13,449	369,282	3,017,221
Parry Sound .....	63,230	4,740	1,818	1,276	63,380	451,642
Peel .....	40,191	13,692	11,844	16,276	211,471	1,956,275
Perth .....	47,560	12,201	18,550	28,957	450,319	3,666,341
Peterborough .....	54,166	17,959	7,052	6,147	192,727	1,293,619
Prescott .....	27,537	13,892	5,817	3,646	142,716	723,772
Prince Edward .....	29,872	8,010	2,147	3,991	144,951	766,110
Rainy River & Kenora .....	4,521	2,819	729	1,372	44,338	176,059
Renfrew .....	137,344	9,825	7,693	5,235	211,537	1,586,858
Russell .....	13,594	4,067	5,151	5,292	106,466	697,311
Simcoe .....	223,510	30,930	24,626	17,906	530,484	4,116,819
Stormont .....	17,784	15,106	3,211	4,421	158,401	774,296
Sudbury .....	16,780	2,140	662	430	45,546	239,117
Thunder Bay .....	1,654	1,434	396	602	43,584	138,806
Timiskaming .....	4,082	646	205	604	29,006	130,121
Victoria .....	99,025	14,178	11,237	9,877	213,976	1,848,530
Waterloo .....	20,054	1,567	5,556	5,861	222,347	2,307,153
Welland .....	20,882	3,578	2,185	9,598	208,170	871,025
Wellington .....	152,573	5,957	18,268	16,229	369,274	4,074,245
Wentworth .....	37,729	2,041	5,184	8,926	181,854	1,302,385
York .....	80,230	12,232	15,023	23,048	376,189	3,119,117
The Province:						
1915 .....	3,333,768	674,494	416,414	545,813	12,636,370	93,762,223
1914 .....	3,370,225	744,096	425,300	586,654	12,419,164	93,017,235
1913 .....	3,647,245	699,861	389,173	497,734	11,924,615	99,651,116
1912 .....	3,669,419	660,843	362,674	415,251	11,586,215	84,982,339
1911 .....	3,780,798	638,943	365,876	404,679	11,532,795	80,675,390



## FARM PROPERTY, IMPLEMENTS AND LIVE STOCK.

TABLE XXII.—Showing by County Municipalities of Ontario the value of farm lands, buildings, implements and live stock for the year 1915, together with the totals for the Province for the past five years.

Counties and Districts.	Land.	Buildings.	Implements.	Live Stock on hand.	Total.
	\$	\$	\$	\$	\$
Algoma .....	3,511,846	1,187,385	439,585	1,045,045	6,183,861
Brant .....	11,093,271	5,780,067	1,390,378	3,475,010	21,738,726
Bruce .....	26,222,360	11,970,728	3,099,041	9,316,987	50,609,116
Carleton .....	22,784,254	8,495,208	2,493,516	7,180,373	40,953,351
Dufferin .....	11,390,123	5,408,700	1,303,110	4,266,380	22,368,313
Dundas .....	10,021,359	4,916,201	1,533,557	3,537,752	20,008,869
Durham .....	13,250,391	6,848,011	1,658,742	4,723,638	26,480,782
Elgin .....	21,122,043	9,803,779	2,742,345	7,259,101	40,927,268
Essex .....	30,826,792	11,052,621	3,358,703	6,966,674	52,204,790
Frontenac .....	10,690,928	4,577,783	1,351,779	3,732,073	20,352,563
Glengarry .....	10,355,890	4,895,839	1,448,336	3,545,392	20,245,457
Grenville .....	7,068,419	3,898,777	1,039,639	2,795,510	14,802,345
Grey .....	27,115,405	14,038,882	3,702,534	11,043,308	55,900,129
Haldimand .....	11,041,640	5,843,327	1,670,204	3,971,294	22,526,465
Haliburton .....	1,477,046	475,773	214,742	539,168	2,706,729
Halton .....	12,915,231	5,173,552	1,257,963	3,171,656	22,518,402
Hastings .....	19,129,869	8,095,148	2,492,578	6,475,519	36,193,114
Huron .....	30,159,363	15,203,897	3,640,935	12,098,505	61,102,700
Kent .....	35,468,184	13,006,742	3,841,491	9,175,558	61,491,975
Lambton .....	26,685,075	11,073,827	3,224,654	9,564,085	50,547,641
Lanark .....	12,524,285	4,830,394	1,542,489	4,617,415	23,514,583
Leeds .....	11,412,042	5,436,077	1,573,401	4,347,324	22,768,844
Lennox & Addington .....	10,639,394	5,146,339	1,515,990	3,485,097	20,786,730
Lincoln .....	20,162,093	7,024,965	1,635,620	2,594,012	31,416,690
Manitoulin .....	1,768,778	774,006	268,207	928,576	3,739,567
Middlesex .....	37,908,390	17,068,261	4,137,348	13,487,121	72,601,120
Muskoka .....	3,288,088	1,506,851	536,761	1,241,687	6,573,387
Nipissing .....	3,003,754	943,496	470,167	904,691	5,322,108
Norfolk .....	15,103,260	7,514,231	2,019,376	4,592,784	29,229,651
Northumberland .....	15,343,054	7,851,862	2,035,753	5,487,618	30,718,287
Ontario .....	20,267,166	9,831,352	2,408,329	7,548,381	40,055,228
Oxford .....	24,515,212	12,129,524	3,041,754	8,987,769	48,674,259
Parry Sound .....	3,211,371	1,464,987	547,616	1,312,379	6,536,353
Peel .....	15,472,009	7,400,322	1,635,142	4,800,788	29,308,261
Perth .....	23,840,409	12,625,986	3,039,969	9,234,184	48,740,548
Peterborough .....	13,032,424	5,339,702	1,298,469	3,972,835	23,643,430
Prescott .....	12,671,469	5,044,425	1,539,757	3,029,606	22,285,257
Prince Edward .....	8,288,860	4,411,203	1,285,197	2,623,869	16,609,129
Rainy River & Kenora .....	2,827,057	650,240	298,848	714,748	4,490,893
Renfrew .....	15,333,752	5,793,455	2,052,496	5,357,754	28,537,457
Russell .....	10,157,711	3,756,594	1,261,141	2,555,961	17,731,407
Simcoe .....	31,739,873	14,970,746	4,066,637	10,981,642	61,758,898
Stormont .....	8,146,545	4,130,093	1,153,669	2,968,938	16,399,245
Sudbury .....	3,452,243	841,935	426,194	803,862	5,524,234
Thunder Bay .....	4,575,835	669,296	294,983	619,705	6,159,819
Timiskaming .....	2,714,551	567,782	298,244	421,525	4,002,102
Victoria .....	14,294,240	5,440,481	1,545,549	4,725,189	26,005,459
Waterloo .....	14,300,291	7,656,715	1,938,413	4,598,126	28,493,545
Welland .....	12,497,582	5,662,661	1,537,647	2,993,049	22,690,939
Wellington .....	23,096,053	12,459,781	2,907,291	8,924,512	47,387,637
Wentworth .....	19,434,103	7,975,691	1,917,412	4,019,338	33,346,544
York .....	37,042,271	13,962,331	2,915,649	8,218,819	62,139,070
The Province:					
1915 .....	794,393,564	352,628,031	95,049,350	254,982,332	1,497,053,277
1914 .....	790,538,706	347,348,643	91,703,876	250,870,078	1,480,461,303
1913 .....	782,993,853	345,303,335	89,702,273	237,591,885	1,455,591,346
1912 .....	758,729,268	335,141,520	86,231,210	225,848,942	1,405,950,940
1911 .....	723,902,419	317,876,963	84,969,426	214,720,424	1,341,469,232

## FARM VALUES PER ACRE.

TABLE XXIII.—Showing by County Municipalities of Ontario average values per acre of farm property in 1915, together with the average for the Province for 1914 and preceding years at ten-year intervals, from 1882-1912.

Counties and Districts.	Farm values, average per acre occupied.					Values buildings, implements, and live stock, per acre, cleared
	Land.	Buildings.	Implements.	Live Stock.	Total.	
	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.
Algoma .....	11 40	3 86	1 43	3 39	20 08	55 67
Brant .....	51 38	26 77	6 44	16 10	100 69	59 17
Bruce .....	28 04	12 80	3 32	9 96	54 12	41 94
Carleton .....	40 73	15 19	4 46	12 84	73 22	49 69
Dufferin .....	32 00	15 19	3 66	11 98	62 83	40 11
Dundas .....	42 30	20 75	6 48	14 93	84 46	56 26
Durham .....	35 89	18 55	4 49	12 79	71 72	43 20
Elgin .....	48 51	22 52	6 30	16 67	94 00	54 91
Essex .....	72 45	25 98	7 89	16 37	122 69	60 04
Frontenac .....	15 34	6 57	1 94	5 36	29 21	37 36
Glengarry .....	35 94	16 99	5 03	12 30	70 26	50 95
Grenville .....	25 84	14 25	3 81	10 22	54 12	41 36
Grey .....	25 53	13 22	3 48	10 40	52 63	41 64
Haldimand .....	39 30	20 80	5 95	14 14	80 19	47 70
Haliburton .....	2 52	0 81	0 37	0 92	4 62	26 86
Halton .....	57 32	22 96	5 53	14 08	99 94	55 11
Hastings .....	17 69	7 49	2 30	5 99	33 47	38 41
Huron .....	37 78	19 04	4 56	15 15	76 53	46 71
Kent .....	62 47	22 91	6 76	16 16	108 30	55 34
Lambton .....	40 47	16 80	4 89	14 50	76 66	48 10
Lanark .....	18 64	7 19	2 30	6 87	35 00	32 86
Leeds .....	24 21	11 53	3 34	9 22	48 30	41 87
Lennox and Addington	24 02	11 62	3 42	7 87	46 93	40 05
Lincoln .....	106 22	37 01	8 62	13 66	165 51	69 09
Manitoulin .....	6 16	2 69	0 93	3 23	13 01	40 63
Middlesex .....	50 10	22 56	5 47	17 83	95 96	52 49
Muskoka .....	5 85	2 68	0 96	2 21	11 70	46 50
Nipissing .....	9 58	3 01	1 50	2 88	16 97	43 98
Norfolk .....	38 10	18 96	5 09	11 59	73 74	50 54
Northumberland .....	35 06	17 94	4 65	12 54	70 19	43 81
Ontario .....	39 83	19 32	4 73	14 84	78 72	52 02
Oxford .....	51 93	25 70	6 44	19 04	103 11	60 41
Parry Sound .....	5 04	2 30	0 86	2 06	10 26	38 89
Peel .....	53 73	25 70	5 68	16 67	101 78	52 55
Perth .....	46 01	24 37	5 87	17 82	94 07	55 02
Peterborough .....	22 30	9 13	2 22	6 80	40 45	40 69
Prescott .....	43 33	17 25	5 26	10 36	76 20	46 87
Prince Edward .....	35 56	18 93	5 51	11 26	71 26	42 24
Rainy River and Kenora	7 45	1 71	0 79	1 88	11 83	43 26
Renfrew .....	14 35	5 42	1 92	5 02	26 71	35 97
Russell .....	40 51	14 98	5 03	10 19	70 71	51 14
Simcoe .....	32 70	15 42	4 19	11 31	63 62	44 54
Stormont .....	32 65	16 55	4 62	11 90	65 72	52 64
Sudbury .....	8 67	2 12	1 07	2 02	13 89	39 59
Thunder Bay .....	10 67	1 56	0 69	1 44	14 36	49 19
Timiskaming .....	9 41	1 97	1 03	1 46	13 87	47 61
Victoria .....	24 01	9 14	2 59	7 94	43 68	40 60
Waterloo .....	46 42	24 85	6 29	14 92	92 48	56 18
Welland .....	55 27	25 04	6 80	13 24	100 35	55 11
Wellington .....	36 83	19 87	4 63	14 23	75 56	48 22
Wentworth .....	72 38	29 70	7 14	14 97	124 19	65 17
York .....	69 65	26 25	5 48	15 45	116 83	57 34
The Province:—						
1915 ....	31 76	14 10	3 80	10 19	59 85	48 06
1914 ....	31 70	13 93	3 68	10 06	59 37	47 27
1912 ....	30 47	13 46	3 46	9 07	56 46	44 80
1902 ....	25 49	10 00	2 62	5 93	44 04	32 43
1892 ....	27 19	8 64	2 25	5 19	43 27	30 38
1882 ....	32 23	6 76	1 89	4 10	44 98	24 52

## CHEESE FACTORIES.

TABLE XXIV.—Showing by Counties of Ontario the number of cheese factories in operation, the quantity and value of cheese and butter made, and the value of cream, casein and milk sold in 1915, together with comparative figures for the Province for 1909-1915.

Counties and Districts.	Cheese factories.				Butter plants at Cheese factories.			
	No. of factories.	Milk used for cheese.	Cheese made.	Value.	Number operated.	*Butter made.	Value.	Value of milk, cream and casein sold.
		Lbs.	Lbs.	\$		Lbs.	\$	\$
Brant .....	6	9,017,418	793,702	119,437	.....	.....	.....	102
Bruce .....	5	6,092,045	563,217	80,367	.....	.....	.....	.....
Carleton .....	53	55,788,350	5,139,695	764,706	7	23,667	6,535	.....
Dufferin .....	2	1,585,013	152,273	22,047	.....	.....	.....	.....
Dundas .....	62	80,334,860	7,325,434	1,086,368	20	80,612	20,950	1,825
Durham .....	2	1,644,762	152,110	22,499	.....	.....	.....	.....
Elgin .....	18	46,694,344	4,193,857	640,473	1	38,308	9,960	4,345
Frontenac .....	67	79,547,702	7,274,836	1,101,388	17	69,450	18,762	.....
Glengarry .....	71	65,521,792	6,146,532	925,840	3	15,998	4,998	.....
Grenville .....	43	51,353,071	4,672,013	712,556	4	9,397	2,403	.....
Haldimand .....	3	4,893,902	450,850	66,629	1	14,928	4,961	.....
Hastings .....	79	98,017,118	8,947,100	1,358,543	.....	.....	.....	.....
Huron .....	4	7,229,785	664,160	97,847	.....	.....	.....	.....
Lambton .....	5	6,555,677	605,360	89,652	2	36,756	10,825	981
Lanark .....	43	46,110,720	4,234,330	636,274	9	46,049	12,887	.....
Leeds .....	97	143,043,105	12,777,892	1,959,274	36	212,347	57,330	4,889
Lennox and Add.	30	60,810,860	5,747,583	876,256	5	21,618	5,805	.....
Lincoln .....	1	1,348,032	128,746	19,062	.....	.....	.....	.....
Middlesex .....	24	67,045,499	6,050,265	926,667	1	46,017	12,747	.....
Norfolk .....	10	14,366,688	1,271,407	186,806	1	19,825	5,500	.....
Northumberland.	37	47,689,080	4,264,010	649,157	.....	.....	.....	.....
Oxford .....	39	124,996,980	11,189,813	1,762,911	10	367,112	112,497	15,822
Perth .....	22	56,605,878	5,212,217	776,207	6	282,451	85,745	.....
Peterborough ..	33	32,378,290	2,906,148	436,055	11	72,322	20,765	.....
Prescott .....	73	55,698,252	5,287,090	795,562	2	989	316	2,832
Prince Edward..	23	45,205,220	4,098,455	630,642	7	42,853	11,888	5,520
Renfrew .....	17	14,019,586	1,311,096	189,888	2	25,484	6,956	.....
Russell .....	61	54,544,138	5,196,691	767,562	3	23,783	7,440	.....
Stormont .....	51	71,736,541	6,627,881	928,863	5	30,267	7,678	6,642
Victoria .....	8	7,892,672	733,169	106,284	.....	.....	.....	.....
Waterloo .....	2	3,583,666	334,605	50,190	.....	.....	.....	.....
Wellington .....	3	4,529,971	408,016	59,038	2	42,083	12,762	.....
Wentworth .....	1	1,366,724	130,473	19,336	.....	.....	.....	.....
The Province:								
1915 .....	995	1,367,247,741	124,991,026	18,864,386	155	1,522,316	439,710	40,958
1914 .....	968	1,115,811,492	101,712,336	13,602,745	159	1,500,215	402,580	74,531
1913 .....	1,002	1,209,890,007	110,795,926	13,890,656	154	1,562,294	426,216	172,657
1912 .....	1,055	1,405,921,858	129,653,063	16,574,573	144	1,765,950	505,532	132,731
1911 .....	1,077	1,369,856,680	127,123,016	15,491,406	157	1,963,768	491,448	164,412
1910 .....	1,102	1,451,244,620	135,521,390	14,491,410	.....	.....	.....	.....
1909 .....	1,177	.....	125,611,359	14,193,918	.....	.....	.....	.....

\*Including 423,888 lbs. whey butter, valued at \$110,911 in 1915.

Note.—The statistics in this and following table have been compiled by this Bureau from returns made by the staff of instructors under the direction of the Dairy Branch of the Ontario Department of Agriculture.



## CREAMERIES.

TABLE XXV. Showing by counties of Ontario the number of Creameries in operation, the quantity and value of butter made, the value of cream, casein and milk sold in 1915, together with comparative figures for the Province for 1909-1915.

Counties and Districts.	Creameries.			
	No. of Creameries.	Lbs. of Butter.	Value of Butter.	Value of milk, cream and casein sold.
			\$	\$
Brant.....	5	955,000	281,885	.....
Bruce.....	9	1,537,383	411,733	.....
Carleton.....	4	818,334	253,341	.....
Dufferin.....	2	216,000	58,320	.....
Durham.....	6	450,420	131,609	11,826
Elgin.....	2	95,624	25,929	.....
Essex.....	3	161,000	45,190	.....
Grey.....	8	730,812	202,553	.....
Haldimand.....	8	1,241,003	356,933	18,091
Halton.....	1	200,000	56,000	.....
Hastings.....	2	789,551	116,548	500
Huron.....	10	1,852,814	530,389	.....
Kent.....	5	380,000	108,470	.....
Lambton.....	8	1,297,040	373,977	.....
Lawark.....	1	23,625	7,088	.....
Lincoln.....	2	279,577	84,070	.....
Middlesex.....	7	1,902,670	547,892	.....
Norfolk.....	7	813,147	232,097	34,122
Northumberland.....	1	192,443	54,458	.....
Ontario.....	6	540,610	158,970	.....
Oxford.....	5	415,384	125,162	*190,269
Perth.....	9	1,082,039	309,776	.....
Peterborough.....	3	185,862	54,547	23,039
Renfrew.....	2	265,961	76,613	.....
Simcoe.....	2	68,000	19,140	.....
Stormont.....	1	46,999	13,984	.....
Victoria.....	6	547,784	153,480	.....
Waterloo.....	5	983,449	276,287	.....
Welland.....	3	282,830	80,472	.....
Wellington.....	5	1,790,659	521,738	.....
Wentworth.....	4	221,104	65,564	.....
York.....	9	4,199,306	1,194,708	.....
The Province.				
1915.....	151	24,566,430	6,928,923	277,847
1914.....	167	23,104,537	6,115,425	122,674
1913.....	155	20,629,555	5,318,435	290,637
1912.....	136	15,835,801	4,451,339	167,277
1911.....	120	13,738,203	3,268,303	.....
1910.....	121	12,893,650	3,016,135	.....
1909.....	97	9,015,206	2,175,955	.....

\*Not reported under this head in this county in 1914.

## PART II.—CHATTEL MORTGAGES.

Table showing by County Municipalities of Ontario the total number and amount of Chattel Mortgages on record and undischarged on December 31st, 1915, against (1) all occupations; (2) farmers; together with totals for the Province for the past five years.

Counties and Districts.	Chattel mortgages against all occupations.				Chattel mortgages against farmers.			
	To secure existing debt.		For future indorsation.		To secure existing debt.		For future indorsation.	
	No.	Amount.	No.	Amount.	No.	Amount.	No.	Amount.
		\$		\$		\$		\$
Algoma .....	227	239,573	...	...	105	29,611	...	...
Brant .....	208	168,467	...	...	63	49,400	...	...
Bruce .....	252	133,223	7	1,794	160	65,911	7	1,794
Carleton .....	311	328,301	6	4,736	51	30,642	...	...
Dufferin .....	69	39,369	...	...	35	14,721	...	...
Elgin .....	288	259,062	...	...	138	73,530	...	...
Essex .....	336	165,716	...	...	195	59,142	...	...
Frontenac .....	290	196,857	...	...	206	91,321	...	...
Grey .....	439	245,947	...	...	250	137,693	...	...
Haldimand .....	97	63,489	...	...	46	23,678	...	...
Haliburton .....	54	12,057	...	...	35	6,466	...	...
Halton .....	77	62,758	...	...	39	31,273	...	...
Hastings .....	497	247,072	...	...	275	126,102	...	...
Huron .....	163	198,858	...	...	85	89,453	...	...
Kenora .....	57	415,605	...	...	10	4,966	...	...
Kent .....	449	179,672	...	...	321	144,150	...	...
Lambton .....	324	175,416	...	...	127	67,510	...	...
Lanark .....	122	115,447	4	3,530	68	44,949	2	1,450
Leeds and Grenville .....	257	179,592	...	...	153	103,472	...	...
Lennox and Addington .....	151	80,796	1	300	87	48,760	1	300
Lincoln .....	134	115,510	1	(a) 150,000	32	14,198	...	...
Manitoulin .....	119	36,708	...	...	93	17,468	...	...
Middlesex .....	240	513,722	1	10,000	79	51,771	...	...
Muskoka .....	209	79,711	2	17,380	74	25,095	...	...
Nipissing .....	255	245,723	1	300	119	36,784	...	...
Norfolk .....	155	115,041	...	...	99	55,232	...	...
Northumberland & Dur .....	331	257,293	...	...	210	128,769	...	...
Ontario .....	197	154,517	2	30,000	101	47,467	...	...
Oxford .....	232	484,384	...	...	118	82,685	...	...
Parry Sound .....	215	316,606	...	...	68	13,804	...	...
Peel .....	48	24,868	...	...	32	13,679	...	...
Perth .....	116	117,663	...	...	47	40,974	...	...
Peterborough .....	186	279,110	...	...	96	39,558	...	...
Prescott and Russell .....	174	282,762	...	...	106	53,280	...	...
Prince Edward .....	93	75,850	...	...	60	49,047	...	...
Rainy River .....	89	54,901	...	...	31	17,505	...	...
Renfrew .....	188	104,505	...	...	113	38,094	1	112
Simcoe .....	480	263,922	...	...	326	140,958	...	...
Stormont, Dun. & Glen .....	235	146,353	7	3,214	147	98,360	3	400
Sudbury .....	300	189,130	...	...	145	53,831	...	...
Thunder Bay .....	188	*1,172,566	2	2,538	71	18,097	...	...
Timiskaming .....	395	253,921	2	43,107	174	53,531	...	...
Victoria .....	99	67,033	1	9,000	64	36,860	...	...
Waterloo .....	156	500,041	1	405	29	32,430	...	...
Welland .....	200	368,077	4	6,800	57	19,502	...	...
Wellington .....	158	130,436	...	...	66	41,734	...	...
Wentworth .....	503	491,299	3	(b) 400,000	64	53,704	...	...
York .....	1,647	2,083,851	4	16,838	108	62,136	...	...
The Province:								
1915 .....	12,010	12,432,780	49	699,942	5,178	2,579,303	14	4,056
1914 .....	10,881	28,164,771	60	6,365,509	4,791	2,444,406	16	17,627
1913 .....	10,190	32,442,616	49	8,485,788	4,831	2,279,301	16	4,012
1912 .....	10,654	39,406,857	55	542,235	5,016	2,310,071	6	3,489
1911 .....	11,261	40,698,959	74	1,492,161	5,482	2,624,057	14	7,860
1910 .....	12,490	31,108,900	80	1,101,014	6,196	2,658,283	18	8,258

(a) Including 1 paper Company for \$150,000; (b) Including 3 Manufacturers for \$400,000. † Including 3 Lumbermen for \$237,278. \* Including 1 Mortgage Company for \$973,400.





35<sup>th</sup>

# ANNUAL REPORT

OF THE

# Bureau of Industries

FOR THE

PROVINCE OF ONTARIO

1916

PART I.—AGRICULTURAL STATISTICS

PART II.—CHattel MORTGAGES

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(PUBLISHED BY THE ONTARIO DEPARTMENT OF AGRICULTURE)

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PRINTED BY ORDER OF  
THE LEGISLATIVE ASSEMBLY OF ONTARIO



TORONTO:

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1917

Printed by  
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Corner Queen and John Streets  
TORONTO

*To His Honour* SIR JOHN STRATHEARN HENDRIE, C.V.O., a Lieutenant-Colonel  
in the Militia of Canada, etc., etc., etc.

*Lieutenant-Governor of the Province of Ontario, etc., etc.*

MAY IT PLEASE YOUR HONOUR:

I have the honour to present herewith for your consideration the Report of  
the Ontario Bureau of Industries for the year 1916.

Respectfully yours,

WILLIAM H. HEARST,

*Minister of Agriculture.*

TORONTO, 1917.





# Ontario Bureau of Industries

## PART I.—AGRICULTURAL STATISTICS.

### THE WEATHER.

TEMPERATURE.—The following table gives the temperature of the Province for each month during the last five years, together with the mean annual temperature, also the mean temperature for the six months April-September—practically the growing season—together with the average for the five years 1912-16, and the thirty-five years, 1882-1916:

Month.	1916	1915	1914	1913	1912	1912- 1916	1882- 1916
January .....	24.9	18.7	20.9	26.1	7.7	19.7	18.2
February .....	15.1	22.7	10.7	15.4	13.6	15.5	17.1
March .....	21.6	27.3	27.4	29.0	21.1	25.3	26.6
April .....	43.1	48.6	39.7	44.3	39.5	43.0	41.9
May .....	53.2	50.9	57.0	52.4	54.9	53.7	53.7
June .....	60.1	61.0	63.1	63.2	60.0	61.5	63.4
July .....	74.0	66.9	67.5	68.1	67.8	68.9	68.2
August .....	70.1	64.2	65.9	66.4	62.2	65.8	65.5
September .....	59.5	61.5	58.8	57.8	60.7	59.7	59.3
October .....	47.4	50.0	50.8	49.4	49.3	49.4	47.3
November .....	34.9	39.1	34.5	40.3	37.1	37.2	35.3
December .....	22.1	23.9	21.3	29.3	28.0	24.9	23.7
Annual mean .....	43.8	44.6	43.1	45.1	41.8	43.7	43.3
Mean for 6 months, April to September .....	60.0	58.8	58.7	58.7	57.5	58.8	58.7

The mean temperature for 1916 was 43.8 degrees, being 0.8 degrees lower than the preceding year, and 0.5 higher than the normal for the thirty-five years 1882-1916.

The mean temperature for the six growing months, April-September, was 1.2 degrees higher than the previous year, and 1.3 degrees above the thirty-five year normal. January, July and August were much in excess of their normals, while February, March and June ranged from 2 to 5 degrees below.

SUNSHINE.—In the following table the averages of sunshine are, as usual, derived from the records of the weather stations at Woodstock, Toronto, Lindsay, Kingston and Ottawa:

Month.	Sun above horizon.	1916	1915	1914	1913	1912	1912- 1916	1882- 1916
	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.
January .....	285.7	71.8	73.1	66.0	61.3	98.7	74.2	74.9
February .....	*302.5	96.6	92.7	148.8	111.8	109.7	111.9	104.1
March .....	369.9	158.4	197.0	128.9	106.7	181.2	154.5	144.7
April .....	406.4	154.1	186.9	137.6	207.5	177.3	172.7	183.2
May .....	461.1	206.7	222.4	263.0	241.4	188.9	224.5	211.2
June .....	465.7	192.0	267.4	262.1	315.5	281.6	263.7	246.7
July .....	470.9	309.8	236.1	266.0	297.5	264.2	274.7	267.9
August .....	434.5	275.1	194.4	223.7	257.6	153.8	220.9	240.2
September .....	376.3	167.6	195.3	210.8	213.4	114.0	180.2	186.0
October .....	340.2	154.9	146.9	137.5	121.4	147.3	141.6	140.0
November .....	286.9	101.7	92.6	83.9	95.1	82.9	91.3	79.5
December .....	274.3	72.8	64.3	66.1	78.6	52.4	66.8	61.1
Total for the year..	4,474.4	1,961.5	1,969.1	1,994.4	2,107.8	1,852.0	1,977.0	1,939.5
Total for six months, April to September.	2,614.9	1,305.3	1,302.5	1,363.2	1,532.9	1,179.8	1,336.7	1,335.2

The year 1916 had 1,961.5 hours of sunshine, or 23.2 hours more than the average for the last thirty-five years. The six growing months, April-September, had 1,305.3 hours of sunshine, or 29.9 hours less than the average for the 1882-1916 period. Six months of the year had an excess and six a deficiency, July with 41.9 hours above and June with 54.7 hours below having the greatest departures.

PRECIPITATION.—The fall of both rain and snow for the five winter months, including November, 1915, and March, 1916, is given in the following table for five years, together with the average for the thirty-five years, 1882-1916. One inch of water is equivalent to ten inches of snow:

Months.	1916	1915	1914	1913	1912	1912- 1916	1882- 1916
November :	in.	in.	in.	in.	in.	in.	in.
Rain .....	1.92	1.81	2.78	2.66	2.52	2.34	2.03
Snow .....	4.3	7.7	3.8	7.4	13.4	7.3	7.4
December :							
Rain .....	0.69	0.43	0.23	1.18	1.44	0.79	1.16
Snow .....	18.8	17.2	6.8	11.2	9.1	12.6	15.2
January :							
Rain .....	2.26	0.90	0.56	2.45	0.44	1.32	1.02
Snow .....	14.9	16.3	21.5	13.6	25.4	18.3	19.2
February :							
Rain .....	0.07	1.29	0.24	0.31	0.08	0.40	0.78
Snow .....	19.4	10.7	12.1	13.2	16.8	14.4	16.1
March :							
Rain .....	0.57	0.18	0.88	2.82	0.20	0.93	1.16
Snow .....	17.9	5.1*	11.2	13.8	14.1	12.4	10.7
Five months :							
Rain .....	5.51	4.61	4.69	9.42	4.62	5.78	6.15
Snow .....	75.3	57.0	55.4	59.2	78.8	65.0	68.6

\* Leap year; in other years 291.4 hours.



The total amount of rainfall for the five months, November-March, was 5.51 inches, or 0.64 inches below the average for the thirty-five years, 1882-1916.

The total amount of snowfall was 75.3 inches, or 6.7 inches above the average. December, February and March were above with 3.6, 3.3 and 7.2 inches respectively, while November and January were below with 3.1 and 4.3 inches.

The sixth months, April-September, however, comprise what is regarded as the growing season for most crops, and the following table gives the rainfall of these months for the last five years, 1912-1916, and for the thirty-five years, 1882-1916:

Months.	1916	1915	1914	1913	1912	1912-1916	1882-1916
	in.	in.	in.	in.	in.	in.	in.
April.....	2.64	1.15	1.93	2.77	2.24	2.15	1.78
May.....	4.51	2.18	1.99	1.93	5.08	3.14	2.86
June.....	3.78	3.06	2.39	1.77	1.56	2.51	2.74
July.....	1.53	3.86	1.41	2.46	2.61	2.37	2.78
August.....	1.99	5.54	3.81	3.43	4.33	3.82	2.68
September.....	2.75	3.39	2.28	1.64	3.98	2.81	2.62
Total for six months.....	17.20	19.18	13.81	14.00	19.80	16.80	15.46

The rainfall for the six months, April-September, comprising the growing season, was 17.20 inches, or 19.8 inches less than the previous year, and in comparison with the normal for the thirty-five year period was 1.74 inches in excess. July and August were the only months which were below average, the others ranging from 0.13 to 1.65 inches above.

## VEGETATION AND SPRING SOWING.

VEGETATION.—Cold, backward weather had delayed vegetation fully a week later than usual when correspondents reported on spring conditions as they appeared about the middle of May. The ground, however, had been thoroughly saturated by the rains, and it was hoped that with warm weather ensuing a rush of growth would occur. Pastures were relatively farther on than orchard leaf or blossom. Some live stock had been turned on the grass, but many cattle were yet in the stable.

SPRING SOWING.—Referring to conditions existing on the 15th of May, it was computed that not half the expected area of spring grain seeding had yet been done. While a few fortunate individuals on high, light or well drained soils had finished the job, many had not been able to even get on the land, and were anxiously waiting for a few days of continuous dry weather. The ground, particularly heavy clays, suffered from the very wet summer of the preceding year as well as from the rains of the present season, and its condition was variously described by correspondents as "soggy," "sticky," "tough," and "sad." A good seed bed was impossible in most cases, although some "mucked in" a portion of their seed, taking a chance of early germination. It was then thought that the delayed sowing season, with a scarcity of suitable help, would render farmers

very busy during the remainder of the spring, and that grains would consequently have a reduced acreage. Later field crops, such as corn, buckwheat, beans and potatoes were likely to be more extensively grown in order to make up the deficiency. More mixed grains were likely to be sown for feeding live stock—chiefly oats and barley.

### STATISTICS OF FIELD CROPS.

The following table gives the acreage, production and market value of the field crops of Ontario for the year 1916. Detailed tables showing the statistics by counties will be found elsewhere in this report.

Crops.	Acres.	Bushels.	Bushels per acre.	Market Value	
				Total.	Peracre.
				\$	\$ c.
Fall Wheat .....	704,867	14,942,050	21.2	24,099,591	34 19
Spring Wheat.....	144,305	2,213,961	15.3	3,591,681	24 89
Barley .....	527,886	12,388,969	23.5	12,621,940	23 91
Oats .....	2,689,762	71,297,528	26.5	47,066,428	17 50
Peas .....	95,542	1,243,979	13.4	2,618,754	27 41
Beans .....	53,999	583,105	10.8	3,183,086	58 95
Rye .....	148,738	2,354,410	15.8	2,797,290	18 81
Buckwheat .....	229,205	3,261,888	14.2	3,555,699	15 51
Corn (for husking).....	258,332	12,717,072	49.2	9,446,060	36 57
Potatoes .....	139,523	7,408,429	53	9,684,215	69 41
Carrots .....	2,391	331,124	138	46,357	19 39
Mangels .....	42,793	9,756,015	228	1,365,842	31 92
Turnips .....	91,670	24,067,699	263	3,369,478	36 76
Sugar Beets .....	22,482	6,023,938	268	843,351	37 51
Mixed grains .....	485,986	13,297,354	27.4	12,485,065	25 69
		tons.	tons.		
Corn (for Silo) .....	439,411	3,276,185	7.46	10,647,610	24 23
*Hay and Clover .....	3,471,984	7,200,047	2.07	76,326,501	21 98
Totals:					
1916.....	9,548,876			223,748,948	23 43
1915.....	9,762,951			210,674,415	21 58
1914.....	9,621,444			199,152,945	20 70
1913.....	9,541,537			168,455,253	17 65
1912.....	9,574,474			185,790,341	19 40
1911.....	9,718,741			179,974,358	18 52
1910.....	9,725,684			175,115,742	18 01
1909.....	9,578,323			167,966,577	17 54

\* Including alfalfa.

The acreages devoted to the other crops in 1916 were as follows: Orchards, 280,653; small fruits, 22,817; vineyards, 9,807; garden, 57,107; rape, 38,566; flax, 5,880; hops, 207; tobacco, 7,997 (Essex, 5,826; Kent, 1,444). Summer fallow, 331,736; pasture (cleared), 3,409,581.

### THE GRAIN CROPS.

FALL WHEAT.—The November, 1915, bulletin said: "The acreage now growing for the 1916 crop will be about three-fourths of that of the area cut in 1915, and will also be less than the acreage in 1914. In some localities the land was too wet for early sowing, and considerable of the seed was put in later than usual,

the result being that a portion of the crop has not as much top at present as is generally seen. The fields look thrifty on the whole, however, and the crop promises to enter the winter in vigorous shape."

Conditions about April 12th were thus described in the April bulletin: "Fall wheat so far gives excellent promise. The top is not so heavy as usual, as much of the crop was sown late owing to wet ground, but the fields were well protected by snow during the winter, and now have a healthy and vigorous appearance. So far there has been but little injury from spring 'heaving,' and there are very few complaints of injury from insects."

The May bulletin had the following to say regarding fall wheat: "This crop so far promises excellent returns, except where affected by frequent spring rains on low spots or on untiled land. Some correspondents mention a comparative lack of sunshine so far this season, which, with the prevailing cool weather, has retarded growth; but the general tone of the reports is more or less cheerful, as less fall wheat land than usual will be plowed up or resown. There also have been fewer complaints of injury from insect pests."

The crop lived up to expectations, and the August summary of the returns was to the following effect: "Fall wheat is relatively the best cereal crop of the season, both for grain and straw. While the yield is much below that of the bumper crop of 1915, it is above the average for the thirty-four-year period, and practically equal to that of the average of the last ten years. The fields gave great promise in early spring, but the cold, wet weather following, succeeded by the unusually hot, dry days of July, influenced the crop unfavorably. There is a wide variance in the yields, which runs from 14 to 40 bushels per acre, and the quality also varies greatly; for while the bulk of the crop is of excellent grade, more shrunken grain than usual is reported as the result of the intense drouth. The crop on drained land showed best results under both wet and parching conditions. Cutting ranged from July 17th to August 7th, and the crop was got into the barn under most favorable conditions."

The November bulletin said: "The yield and quality of fall wheat, while not up to the more recent Ontario standard, are nearer the mark than that of any of the other cereals except rye. The yield is practically an average one. The straw is of good length and quality, and the crop was well harvested."

**THE NEW FALL WHEAT.**—The condition of the newly sown fall wheat was thus described as it appeared early in November: "Owing to the drought in August most of the new fall wheat was put in later than usual. The seed-bed in most cases was very dry and hard, and in many instances germination was slow and uneven. Owing to so much late sowing the young fall wheat fields have not had so large a top as usual, although late rains have brought the crop forward more encouragingly. On account of the late harvest, and the rush of farm work generally, because of the lack of labor, the acreage sown is about one-fifth less than that of the 1915 crop. Very little injury was reported from the Hessian fly or other insects."

**SPRING WHEAT.**—"This crop is still decreasing in acreage," said the August bulletin. "As in the case of all spring grains the season was too wet for satisfactory sowing, and much of the crop had to be 'mudded in.' The yield will be about an average, but there will be considerable small, light grain, and the straw will be rather short, owing to the hot July weather. Harvesting ranges from August 7th to 19th."



November reports concerning spring wheat were not so favorable as those received in August, complaints being made as to the light weight of the grain. The crop is not now a popular one in this Province.

**BARLEY.**—The cold and rainy spring weather was unfavorable to seeding, and the crop got a poor start. The prolonged drouth of July was also trying to the fields, forcing ripening. As a result many of the heads of grain were not well filled, and, according to the August reports, the average yield was expected to be less than usual. The straw, though clean, was not of good length. Cutting extended from July 28th to August 15th.

The November bulletin stated that barley was below the average in yield per acre, and some of the grain was reported to be light in weight, although as a rule it was of good color.

**OATS.** "Sowing was more or less delayed owing to the wet spring," according to the August bulletin, "and many fields as a consequence received a poor start, both as to time and condition, particularly on low, undrained land. The unusually hot and dry weather prevailing later in the season hastened ripening, resulting in much of the grain being light in weight and in average yield per acre. The straw also is short, but of fair quality, owing to the dry weather prevailing during the later half of the season. Occasional mention only was made of rust or smut. Harvesting began on August 10th, but considerable of the crop still remains to be cut."

The November bulletin stated: "There has been an unusually small yield per acre of oats, and much of it measures very light to the bushel. Some rust is complained of. Much of the crop was harvested very late, but the weather was favorable."

**WINTER RYE.** There is not a large acreage of rye grown for grain, much of it being fed green. According to the August returns it has stood the severe drouth of the latter part of the growing season better relatively than any other of the grain crops, and was expected to be above the average in yield.

The November reports had little to say of rye, beyond expressing the opinion that on the whole it was a good crop, both as to yield and quality.

**PEAS.** Formerly one of the most popular crops in the Province, peas have now only a comparatively small acreage. The hot and unusually dry weather prevailing at the time of blossom had affected the yield, which was below the average. There was less complaint than usual of injury from insects. Pulling was in progress when correspondents reported about the middle of August.

The November bulletin stated: "The dry, hot weather prevailing during the summer, especially at the time of filling, told against the crop, which is generally described as a poor one. Complaints are also made of the peas splitting at threshing. Very little injury is reported from the weevil."

**BUCKWHEAT.** Buckwheat did not do so well as usual. Like other crops it had a late start owing to rainy weather, and much of it was caught by frost before cutting. The great heat and drouth at the time of blossoming also kept the grain from filling in best condition. The yield was variously described in the November returns as being from one-half to fair, and proved to be only a little better than a two-thirds crop.

**BEANS.** Owing to the wet weather much of the crop was planted late. The long period of drouth following also affected the plants unfavorably, especially at the period of blossoming, and a light yield was expected when correspondents reported about the middle of August. Harvesting extended from the beginning of September to the middle of October.

"This crop experienced a rather poor season," said the November bulletin. "While wet ground made planting late, the weather turned very hot and dry at the period of filling, and some of the pods did not fully mature. A portion of the crop was also caught by the frost. The harvesting season, however, was favorable."

**MIXED GRAINS.** A late variety of barley and an early variety of oats are said by some correspondents to make an excellent combination for growing mixed grains, as they ripen closely together. They are sown in about equal proportions, or perhaps more oats than barley. Varieties suggested by a number of leading correspondents are: For barley, No. 21 O.A.C., and for oats, Daubeney or No. 3 O.A.C. A few correspondents state that the mixture is improved by the adding of wheat to the sowing, and there are scattered suggestions for the addition or substitution of peas, flax or buckwheat. Among the advantages claimed by the advocates of mixed grain growing are: (1) If one grain does not succeed the other may. (2) The one crop cutting is easier to harvest. (3) The oats fill out better, the heads not being crowded. (4) The product makes an excellent chop for live stock. On the other hand, some correspondents assert that there is no advantage whatever over grains grown separately and mixed later.

**CORN.** The August bulletin said: "The weather was so wet at the regular time of planting that much of the seeding was delayed. The unusually long period of drouth following was also trying to the plants, baking the soil and making cultivation difficult. The result is that the majority of the corn fields are more backward in growth than is usual at this time of the season, and it will require most favorable weather from now on to bring the crop along to anything like average form. Ensilage corn is doing relatively better than corn for the cob."

"The corn crop is the first really poor one for many years," was the conclusion arrived at in the November bulletin. "Planting was much delayed owing to rainy weather, and a long period of drouth and intense heat followed. As a consequence the general yield is a light one, there are more nubbins than usual, and first-class seed corn is likely to be scarce. Although the silage varieties have done better than those grown for husking, many silos will be only partly filled this fall. Some corn was nipped by frost, but the bulk of it was got in uninjured."

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## HAY AND CLOVER.

Speaking of clover the April bulletin said: "This crop, like fall wheat, has come through the winter in good shape, except on very low places or on poorly drained land. There has been but little injury from heaving, and at present the promise is for one of the best hay seasons for years. Alfalfa is also promising well."

"Hay and clover, judging from the present outlook, should be one of the best crops for years," was the opinion expressed in the May bulletin. "The fields, especially those of last year's seeding, came through the winter in fine form, and there was but little heaving or other injury from spring frosts. As in the case of fall wheat, a small portion of the crop, owing to the very wet spring, has been drowned out on low-lying places where the fields were not well-drained."

The hay crop proved to be fully up to expectations. The August bulletin ran: "Not for many years have such satisfactory reports been received regarding the various grass and clover crops. Heavy yields were the rule, and the weather at harvesting was almost perfect for curing, thus ensuring first-class quality. In a few cases, however, lack of labor delayed cutting until the fields were rather too mature."

**CLOVER SEED.** The season has been a relatively good one for clover seed. The fields kept for seed were, as a rule, well headed, although the plants were rather short in stand. In too many instances, however, clover fields set by for seed had to be pastured owing to the scarcity of fodder. The midge was complained of in only a few localities.

**ALFALFA.** Alfalfa looked more uneven than clover in the spring, not having wintered so well as the sister crop. However, there were some reports of splendid fields, and an average general yield was looked for.

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## FIELD ROOTS.

**POTATOES.** "The present outlook for potatoes is poor," said the August bulletin, "although some correspondents say that a few good rains might redeem the situation. Owing to the rainy spring weather some of the crop had to be planted late, while a considerable portion of the earlier planting rotted in the long-soaked and cold soil. The prolonged period of drouth during July was also trying to the vines. The bug was very injurious this season, owing to the dry summer and scarcity of farm help."

November reports were to the following effect: "The season was too dry for potatoes. The average yield was a comparatively light one, and the size of the tubers was below the standard, although they were generally of good quality. In some localities there were hardly enough potatoes for local use. The crop was stored under favorable conditions.

**ROOTS.** The August bulletin contained the following: "There is a very uneven showing of all classes of roots, owing to the late start many of the fields received on account of the wet spring, and the trying effects of the dry and very hot weather which has prevailed more or less since the beginning of July. While both turnips and mangels are considered to be backward in growth and general condition, a number of correspondents are of opinion that timely rains would greatly restore and push forward the root crops generally, although anything like standard yields might not be looked for."

The bulletin issued in November had the following references to the various classes of field roots:

**TURNIPS.** This crop was generally referred to as being late, and small as to both yield and size. The drouth of July and August hindered growth, and



complaints were also received of injury from aphid or louse. About half the crop had been harvested by the 1st of November, but as the weather was then open a good portion of the remaining crop was left in the ground for further growth.

**MANGELS.** Mangels may be characterized as light in yield, small in size, but sound and of fair quality. Like the other roots, they suffered considerably from the drouth.

**CARROTS.** Field carrots are not now much grown. They also suffered from the drouth, and are described as being from fair to good.

**SUGAR BEETS.** This crop is no exception to the comparatively poor showing of roots. They are small in size and light in yield as a rule, although some more favorable reports have been received.

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### MISCELLANEOUS.

**TOBACCO.** "Like most of the other field crops, tobacco suffered both in area and quality from the very wet and otherwise unfavorable weather prevailing at the time of planting," the August bulletin said. "The later exceedingly warm and dry period also told against the vigor of the plants, which are now considered to be very backward in growth. The uncertainty of the market also helped to prevent a full acreage."

The November bulletin stated that some tobacco was caught by frost, owing to planting being delayed by rains. The bulk of the plants, however, escaped uninjured, and the crop at the end of October was said to be promising, both as to yield and general condition.

**THRESHING AND MARKETING.** "The comparatively small yield of most of the grains has enabled threshers to have their work practically completed by the first week of November," said the November bulletin. "Marketing so far has been light, except where farmers were requiring ready money for taxes or other pressing needs; for although prices are soaring for all kinds of grains, the hope of getting even higher figures prevails with many holders. Others claim that with the present and prospective prices for live stock it pays best to feed the grain on the farm, at the same time enriching the land."

**FALL PLOWING.** Plowing was fairly well advanced at the end of October, as the root and corn crops were smaller than usual and threshing was also light. The chief drawbacks were the lack of plowmen, owing to the war, and the dry and hard condition of clay soils on account of the summer drouth. Timely rains, however, were then falling, and with a fair spell of open weather ensuing an average acreage should be turned under.

**FARM IMPROVEMENTS.** A considerable quantity of tile for underdraining has been laid this season, more particularly in Essex, Kent and other more western counties, the digging having been done chiefly by traction ditchers, which have had all the business they could do. More drainage work still would have been done by manual effort if labor was not so scarce and high in price. From the remarks of correspondents it is plain that farmers are more and more appreciating the benefits of underdrainage. Considerable advance has been made in wire fencing, although some consider the present price of wire as being almost prohibitive.

There has not been as much done as usual in the way of erection of farm buildings, owing to the scarcity of skilled workmen, although a number of farmers have altered their barns by raising them, putting in cement foundations, and otherwise bringing them more up-to-date.

### FRUIT AND FRUIT TREES.

The April bulletin said: "The winter was not trying to fruit trees, the greatest damage to orchards resulting from the girdling of young trees by mice and rabbits driven to hunger by the deep snow lying so long. In some instances grape vines and raspberry canes have been frozen back more or less, owing to tenderness from the late fall growth, but the injury will not likely affect the general yield. Strawberries and other small fruits are about normal. The San José scale is still complained of in the Lake Erie counties, where it has got a hold in many old orchards, but elsewhere this pest is being combated in its earlier stages and is being kept more under check. The general outlook at present for all classes of fruit is favorable, apple buds giving better promise than for years."

"Spring prospects for fruit, generally speaking, have never been surpassed," said the May bulletin. "Very little winter injury has happened to orchards, rabbits and mice having done more damage than the elements. So far this season there has been no frost to injure fruit buds, and all classes of orchard trees are making a most promising show of blossom, although about a week or two later in showing than usual. Owing to the frequent rains of the last few weeks spraying operations have been delayed, and the results of this forced neglect may be seen later. While some grape and raspberry canes have been more or less frozen back on account of all the heavy fall growth failing to mature, both of these fruits are expected to average up after all. The other bush fruits and strawberries give promise of generous yields."

August returns were thus summarized: "All classes of orchard trees made a fine show of bloom, but frequent and heavy rains then falling washed off much of the pollen, and the setting of fruit was more or less a disappointment. Apples will be comparatively light in yield, more especially the winter varieties. There has been much 'dropping' during the summer, and considerable scab has been complained of. Pears have done relatively better, but will be only about half a crop. Statements regarding the yield of peaches range from poor to good; the yield will probably be about a medium. Cherries were almost a failure; the sour varieties did much better than the sweeter sorts. Grapes will be a good crop where properly looked after. Strawberries started out with promise of a great yield, but fell off with the drouth. Raspberries were more or less a failure, much of the fruit drying on the canes owing to the intense heat and drouth of July, but currants did better."

The November bulletin said: "The usual complaints are made of injury from San José scale and oyster shell bark-louse where orchards have not been properly attended to. The long summer drouth has also weakened many trees. There is a comparatively small supply of apples, especially of the best winter sorts—in some localities not sufficient for local use. The general quality of this fruit is not as good as usual, and there were many windfalls. Peaches, however, were more abundant, and there was a fair supply of pears, plums, and grapes in those sections where these fruits are raised."

## PASTURES, LIVE STOCK AND THE DAIRY.

The wintering of live stock was a comparatively easy matter, owing to there being a large quantity of grain on hand which had been more or less sprouted by the wet harvesting. Corn and straw were also in abundance, although not of such good quality as in more recent years, and there was a good average of roots, but hay has been scarce and high in price.

The following reference to live stock appeared in the April bulletin: "The demand for horses, notwithstanding war conditions, has not been encouraging. The animals as a rule are in good working condition, although many have suffered from a mild form of influenza.

"On the whole cattle have wintered well. No serious disease has been complained of, but there have been a few cases of abortion, and a more frequent complaint of a form of indigestion, said to be resulting from eating musty grain, straw, or other fodder. Dairy cattle are said to be rather thin in flesh owing to the heavy drain upon their milking powers during the rich pastures of the mid-summer and fall of last year. Beef cattle are not so plentiful as usual, as prices of fat stock have been most enticing. Store cattle are also rather scarce, but are up to the average in quality, although there are complaints that some are rather of the dairy type. Calves are being better cared for than formerly.

"Sheep have wintered well, and lambs are said to be coming on nicely. As with other live stock, much depends upon the handling.

"A correspondent describes the hog as the farm 'mortgage lifter' at present prices. The heavy demand for bacon hogs has made a shortage in the number on hand. There are even less complaints than usual of sickness among swine."

The August bulletin had the following: "Pastures were of the best until the drouth began to tell about the latter part of July. Later on, most of the fields, especially in Western Ontario, were browned by the continued drouth, and in some quarters cattle on the grass had to be helped out by hay or other extra feed. Notwithstanding this drawback, and the extremely warm temperature prevailing during the summer, live stock generally are in good condition—somewhat thin, but hearty."

November returns were to the following effect: "Fall pastures have been very poor owing to the prolonged summer drouth. Cattle as a rule are rather thin, but are healthy. Owing to the high price of beef, and the scarcity and dearth of feed, a large number of cattle have been sold in an unfinished state, and too many calves have been vealed. Some old, dry cows, however, have been sold as cannors at three and four cents a pound. Sheep are doing well, and are in strong demand. They have been finished off nicely on rape while ordinary pastures were practically bare. High prices for pork, and the scarcity of feed, have tempted some farmers to part with more sows than is prudent, and to turn off too many animals under weight. The prospects are that there will be a scarcity of all classes of live stock by the spring. Owing to the lack of straw most of them are likely to experience inferior bedding conditions. Considerable progress has been made in silo building."

METHODS OF FEEDING. The April bulletin stated: "No uniform system of feeding live stock is in vogue, methods ranging from the most careful stall feeding to that of carrying the animals over winter on the barest maintenance ration. Most of the live stock are finished off on the grass, or on rape in the fall. The silo is more and more playing a leading part in cattle feeding, both for beef and



milk. One correspondent in Dundas County describes ensilage as 'becoming the staple roughage.' During the winter just ended a large quantity of grain damaged by the wet harvest weather was used to advantage in feeding. Roots and straw figured largely in adding body to the ration, the former still being popular in the western and central counties of the Province."

**FODDER SUPPLIES IN APRIL.** The bulletin issued in that month said: "Owing to there being a good supply of fodder corn and of straw on hand, and also a considerable quantity of sprouted grain for feed, other fodders have held out well, although hay has been fed more sparingly than usual. Live stock will be carried over nicely to the grass."

**FODDER SUPPLIES IN MAY.** The May bulletin had the following: "While the very late spring has made considerable inroad into fodder supplies, there is still sufficient on hand in most cases to meet requirements. Hay is relatively scarce and high in price, but straw, ensilage, and other coarse fodders help farmers to go light in feeding it. Oats are more plentiful, and are being fed generously, owing to the high price of live stock and their products. The same may be said of wheat, much of which is being turned into pork, as hogs are greatly in demand. None of the inferior grain from last year's wet harvest has been wasted, and even the choicest oats, wheat and barley are at present worth more sold 'on foot' than in the bag. The splendid pastures now promising will soon relieve the drain on the better class of fodders. In short, the Ontario farmer who is into beef-raising or dairying never had more encouraging prospects before him."

**FODDER SUPPLIES IN AUGUST.** The August bulletin said: "It is thought that there will be plenty of fodder for fall and winter supplies, notwithstanding the expected shortage of grain, straw, roots and corn ensilage, farmers counting upon the splendid crop of hay to carry them through. Much, however, will depend upon the weather of the next month or two. Dairy produce has been generous in supply, and the demand, at excellent prices, for cheese, butter, cream, and other lines, was never stronger. There has been some shrinkage in production since the drouth, but the high prices now offering are tempting dairymen to keep up the milk supply as much as possible."

**FODDER SUPPLIES IN NOVEMBER.** The bulletin issued early in November thus dealt with the fodder prospects: "With the exception of hay, which gave a splendid yield, and a large quantity of which has been sold, fodder crops are short in supply. There is a scarcity of grains, while roots and corn are seriously behind their usual yields, many silos this year being only partly filled. There is also a lack of straw for bedding, which means much in carrying live stock over the winter. Many correspondents believe that with careful feeding most farmers will meet the situation, especially as there are fewer animals on hand than usual at this time of year. Hay ranges in price from \$8 to \$14 a ton, generally selling at from \$10 to \$12. In many cases some concentrated feeds must be purchased, although their high cost is more or less deterrent. Among the prices quoted by correspondents—varying according to locality, and often differing even there—are: Bran, \$29 to \$32 a ton; shorts, \$31 to \$36; gluten meal, \$35 to \$37; low grade flour, \$30 to \$38; oil cake, \$42 to \$45; cotton-seed meal, \$40 to \$45; mixed feed, \$40; western oats, 65c. to 70c. a bushel; U. S. corn, \$1.10 a bushel and \$2 a cwt."

**DAIRYING.** The following special reference to dairying appeared in the November bulletin: "Dairying has flourished this season, prices for butter and cheese having reached record heights. Advocates of each of these branches claim pre-eminence in favor. Where in operation, the milk condenseries also have been pressing both cheese and butter factories for popularity, while some correspondents boldly aver that sending milk and cream to the cities pays best of all. The flow of milk in the fall was hardly as free as usual, but the high prices offering impelled dairymen to supplement the pastures as much as possible with grains and mill feeds, despite their high cost. With the system of paying for milk according to fat coming more into favor, there is somewhat of a reaction in the matter of regarding the Holstein as the most favored dairy breed."

**POULTRY.** November returns regarding the keeping of fowl upon the farm were to the following effect: "Opinions are very much divided as to the profits in poultry on the farm, owing to the high cost of grains. Some correspondents speak of a reduction in the size of flocks on this account, but others point to the encouraging prices prevailing all season for eggs, and insist that poultry keeping pays. More crate feeding than formerly is being practised. A large number of young turkeys died off in the cold, wet spring, but those remaining did well during the dry, hot summer, although there was a scarcity of insects for food. Some correspondents speak of the school fairs as helping the farm poultry industry."

**STATISTICS.** The following table gives the total numbers and value of the several classes of live stock and poultry on hand July 1st, 1916, together with live stock sold or slaughtered in the year preceding that date:

Live Stock.	Live stock on hand, July 1, 1916.		Sold or slaughtered in year ending June 30, 1916.	
	No.	Value.	No.	Value.
		\$		\$
Horses (all ages) .....	775,732	101,434,391	78,119	10,684,992
Cattle:—				
Milch cows .....	1,045,029	69,337,793 }	878,540	46,987,563
Other cattle .....	1,689,738	58,986,733 }		
Sheep and lambs .....	908,066	7,386,710	475,406	3,588,522
Swine (all ages) .....	1,735,254	18,790,755	2,105,621	33,671,966
Poultry (all kinds) .....	14,377,844	7,933,157	6,774,884	4,226,038
Totals:				
1916 .....		263,869,539		99,159,081
1915 .....		254,982,332		93,762,223
1914 .....		250,870,078		93,017,235
1913 .....		237,591,885		89,651,016
1912 .....		225,848,942		84,982,339
1911 .....		214,720,424		80,675,390
1910 .....		194,416,037		71,833,731

The values for the several classes of poultry on hand July 1st, 1916, were as follows: Turkeys, \$641,092; geese, \$458,256; ducks, \$309,190; other fowl, \$6,524,619.

**VALUE PER HEAD.** The following table gives the average value per head of live stock and poultry for 1915 and 1916, and at five-year intervals.

Live Stock.	Live stock on hand July 1.					Sold or slaughtered in year ending June 30.				
	1916	1915	1910	1905	1900	1916	1915	1910	1905	1900
Horses (all ages).....	\$ 131	\$ 139	\$ 128	\$ 110	\$ 76	\$ 137	\$ 146	\$ 136	\$ 119	\$ 79
Cattle:—	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.
Milch cows .....	66 35	60 83	40 76	35 05	31 01	53 48	49 90	37 44	36 23	32 12
Other cattle .....	34 91	32 18	22 43	21 29	17 93					
Sheep and lambs.....	8 13	7 05	5 75	4 68	4 29	7 55	6 72	5 36	4 28	3 64
Swine (all ages).....	10 83	9 93	8 50	6 44	5 42	15 99	14 98	12 49	9 79	7 69
Poultry (all kinds) ...	55	54	43	34	29	62	62	51	39	37

### LABOR, WAGES AND PRODUCTION.

"The enlistment of so many men from the farms," said the April bulletin, "and the enticing prices paid by factories making munitions and other military supplies, have caused a shortage of labor that is much felt in rural districts. Several correspondents state that in many cases there is only one man on each 100-acre farm; others say that on such farms there is only about one out of five that has a hired man left on it. In many instances women have had to assist in the field work. Much less fall wheat was sown in 1915, and a larger area than ever will be devoted to grass for hay and pasturing. About the usual acreage of spring grains will be grown; likely more oats. Corn and beans will also have a slightly increased area, prices for the latter having attracted attention. Canning crops will not be popular, as they usually require more attention. Wages are higher than ever, men asking and getting from \$30 to \$40 with board, and in some cases more. While some farmers are not optimistic over present conditions, others are full of confidence, especially where they can interchange help work with their neighbors."

August reports regarding farm labor were thus summarized: "On the whole there has been a scarcity of farm labor, which would have been felt more keenly but for the remarkably open weather prevailing during harvest. Soldiers on furlough were also helpful on many farms, but in some cases male help was so hard to find that farm women, girls and boys assisted in clearing the fields. As usual, some farmers relieved the strain by exchanging help. Wages for harvesting were higher than usual, running from \$1.50 to \$3.00 a day (with board), and from \$25.00 to \$45.00 a month, and even higher, according to the need of the occasion and the ability of the man."

The following appeared in the November bulletin: "Even with the comparatively light yield of grains, roots and corn there has been a scarcity of agricultural labor in almost every locality, attributed chiefly to heavy enlistments among young men on the farms. To meet this lack of help farmers have exchanged work more freely than ever, and the latest improved machinery was brought into use, while in many sections women were to be seen working in the fields more frequently than usual. As to the probable rise or fall in the matter of wages, several returns in almost identical terms state that farmers cannot afford to pay more for labor, and that men cannot afford to work for less; while one correspondent sums up the opinion of many regarding the greatest need of the present time as 'Patience until the war is over.' Domestic servants on the farm are almost impossible to find."



## TEMPERATURE OF 1916.

TABLE I.—Showing for each month the highest, lowest, mean daily range and mean temperature at the principal stations in Ontario for 1916; also the annual mean for each station.

Months.	Southampton.	Chatham.	London.	Woodstock.	Stoney Creek.	Toronto.	Lindsay.	Gravenhurst.	Ottawa.	Halleybury.
January:	°	°	°	°	°	°	°	°	°	°
Highest.....	59.3	59.0	57.0	56.5	59.0	53.2	48.6	48.0	44.0	45.9
Lowest.....	1.2	1.0	— 4.0	— 3.0	1.0	0.9	—11.2	—18.0	—16.2	— 32.3
Daily range.....	15.1	12.4	15.5	15.6	13.8	14.1	17.9	18.6	19.4	21.6
Monthly mean.....	27.8	30.2	28.8	28.0	31.1	30.1	23.6	21.8	17.6	9.6
February:										
Highest.....	39.1	49.0	41.0	36.5	42.0	43.7	38.6	40.0	42.0	34.1
Lowest.....	—19.1	— 9.0	—16.0	—22.0	—10.0	— 9.3	—19.3	—27.0	—18.0	— 26.1
Daily range.....	15.9	17.0	16.0	14.9	15.0	14.3	18.0	18.2	15.6	18.6
Monthly mean.....	16.3	19.9	18.0	16.7	19.7	18.9	13.5	12.3	11.6	3.6
March:										
Highest.....	48.8	62.0	61.0	59.0	59.0	57.4	57.8	56.0	53.0	49.8
Lowest.....	— 8.8	1.0	— 6.0	— 7.5	— 4.0	— 2.4	—17.9	—22.0	—16.0	—25.3
Daily range.....	17.0	17.6	19.0	16.6	16.5	15.3	21.4	21.4	20.1	21.3
Monthly mean.....	21.1	27.8	24.7	22.7	25.2	25.4	19.8	18.4	18.0	13.0
April:										
Highest.....	69.0	76.0	73.0	68.6	75.0	68.6	71.5	65.0	71.2	69.8
Lowest.....	21.1	24.0	21.0	23.7	28.0	25.3	21.2	15.0	20.0	8.0
Daily range.....	15.1	19.3	20.9	17.1	14.1	15.0	19.3	18.0	16.7	19.2
Monthly mean.....	41.3	46.6	45.0	43.4	43.9	44.4	43.8	41.0	43.5	38.1
May:										
Highest.....	75.9	83.0	82.0	75.9	81.0	81.4	77.6	74.0	80.0	82.4
Lowest.....	30.9	34.0	31.0	34.0	37.0	36.7	29.7	29.0	33.0	24.8
Daily range.....	18.2	21.4	21.6	18.9	19.6	19.0	21.5	20.2	17.6	18.8
Monthly mean.....	49.9	58.2	55.6	54.5	54.6	54.3	52.5	49.3	54.0	49.4
June:										
Highest.....	81.3	86.0	81.5	76.0	81.0	78.0	80.4	76.0	79.5	81.0
Lowest.....	35.6	42.0	39.0	39.8	40.0	39.8	35.6	33.0	42.0	38.0
Daily range.....	17.8	21.7	22.1	17.5	17.8	17.9	20.1	17.7	16.8	19.3
Monthly mean.....	57.5	64.7	60.9	59.6	59.4	60.1	59.5	58.1	61.7	59.3
July:										
Highest.....	89.5	102.0	100.0	95.0	98.0	100.2	98.2	92.0	97.0	99.5
Lowest.....	51.0	55.0	47.0	48.8	47.0	53.7	49.9	45.0	53.0	44.9
Daily range.....	18.5	26.7	27.0	20.9	20.2	21.1	26.0	23.6	20.3	25.0
Monthly mean.....	71.3	78.6	76.0	73.4	75.0	76.0	74.5	70.3	73.5	71.7
August:										
Highest.....	90.7	102.5	99.0	95.0	100.0	97.9	98.8	92.0	93.5	94.6
Lowest.....	45.7	51.0	45.0	43.0	48.0	46.0	44.8	38.0	46.0	46.1
Daily range.....	17.3	25.6	27.6	23.8	23.7	23.9	28.0	24.2	21.9	20.6
Monthly mean.....	68.5	75.0	71.2	69.3	72.3	72.0	69.9	66.1	69.3	67.3
September:										
Highest.....	86.1	95.0	90.0	84.8	92.0	89.8	86.3	81.0	83.0	75.0
Lowest.....	35.6	33.0	29.0	30.5	36.0	34.7	29.4	25.0	35.5	26.2
Daily range.....	16.3	21.2	22.1	17.2	20.8	20.1	22.6	20.2	17.6	16.5
Monthly mean.....	59.8	63.8	60.7	59.2	62.5	61.2	58.8	55.8	58.9	54.0
October:										
Highest.....	80.0	86.0	84.0	81.3	86.0	85.2	85.1	73.0	78.0	77.8
Lowest.....	29.6	30.0	27.0	26.3	26.0	29.7	25.0	23.0	26.5	20.6
Daily range.....	18.5	22.6	25.3	18.8	21.1	20.1	25.6	20.5	19.9	15.3
Monthly mean.....	48.1	52.1	48.0	47.5	49.8	49.6	47.7	44.3	45.9	40.8
November:										
Highest.....	65.0	69.0	67.0	63.0	69.0	63.8	63.1	66.0	63.0	55.2
Lowest.....	11.2	17.0	12.0	12.0	13.0	11.7	2.0	— 4.0	— 1.0	— 9.9
Daily range.....	12.5	15.3	15.0	14.1	13.6	13.8	16.7	15.6	14.0	12.7
Monthly mean.....	36.5	40.1	37.2	36.3	38.4	37.6	33.1	32.5	31.7	25.8
December:										
Highest.....	55.0	57.0	58.0	57.0	54.0	55.0	52.2	49.0	48.0	41.8
Lowest.....	3.7	— 2.0	— 4.0	0.0	4.0	4.9	— 9.1	—13.0	—20.0	—24.5
Daily range.....	12.6	11.4	15.3	13.8	11.8	12.3	15.6	16.0	14.0	15.5
Monthly mean.....	25.7	26.4	23.8	23.7	26.3	26.9	20.3	19.5	17.4	10.6
Annual mean.....	43.6	48.6	45.8	44.5	46.5	46.4	43.1	40.8	41.9	36.9

## AVERAGE TEMPERATURE FOR THIRTY-FIVE YEARS.

TABLE II.—Showing for each month the monthly average for the highest, lowest, mean daily range and the mean temperature at the principal stations in Ontario, derived from the thirty-five years, 1882-1916; also the annual mean at each station for the same period.

Months.	Southampton.	Chatham.	London.	Woodstock.	Stoney Creek.	Toronto.	Lindsay.	Gravenhurst.	Ottawa.	Haileybury.
January:	°	°	°	°	°	°	°	°	°	°
Highest.....	45.4	46.3	47.0	46.8	51.0	45.8	42.1	41.9	40.6	38.5
Lowest.....	-6.5	-8.9	-10.0	-11.0	-4.5	-7.1	-20.0	-27.3	-21.2	-33.4
Daily range.....	14.6	12.0	15.1	16.4	14.3	14.5	17.8	20.6	17.9	23.7
Monthly mean.....	21.3	21.6	21.8	20.5	24.4	22.5	16.2	14.4	11.4	6.9
February:										
Highest.....	44.1	46.7	46.0	45.1	47.7	44.5	41.7	42.0	40.2	41.1
Lowest.....	-11.8	-10.9	-11.4	-12.0	-6.5	-8.1	-18.6	-27.6	-20.5	-34.6
Daily range.....	16.9	13.9	16.7	17.1	15.4	15.3	19.6	22.3	18.4	23.3
Monthly mean.....	18.9	19.9	20.0	19.0	22.5	20.8	15.2	13.1	12.5	9.5
March:										
Highest.....	53.6	58.0	58.4	56.2	59.7	56.1	51.7	50.8	48.3	50.9
Lowest.....	-3.0	-1.2	-0.4	-1.2	5.3	3.9	-6.7	-14.0	-8.3	-23.2
Daily range.....	17.1	14.8	17.5	17.3	15.1	14.5	18.5	21.4	17.5	25.8
Monthly mean.....	26.6	29.1	29.3	27.6	32.1	29.3	25.1	23.2	23.8	20.1
April:										
Highest.....	73.0	76.7	76.5	74.8	77.3	71.4	74.3	71.5	73.6	73.6
Lowest.....	16.3	18.3	18.5	17.4	23.1	21.3	14.1	11.0	15.3	6.4
Daily range.....	17.9	18.1	20.6	20.4	17.4	16.8	21.1	21.2	19.3	24.4
Monthly mean.....	40.6	43.5	43.3	42.4	44.5	42.7	41.6	39.4	41.2	38.6
May:										
Highest.....	80.2	82.3	82.8	80.8	84.5	79.7	82.5	81.0	82.7	84.1
Lowest.....	28.3	29.1	29.3	29.1	33.3	31.9	28.0	26.7	31.1	23.9
Daily range.....	19.7	20.8	22.7	22.1	20.3	19.1	23.8	23.0	22.0	26.4
Monthly mean.....	51.3	53.1	55.4	53.9	55.1	53.8	54.0	52.2	54.9	51.8
June:										
Highest.....	85.4	88.2	88.4	86.8	91.4	87.2	88.6	86.9	87.5	89.4
Lowest.....	37.2	37.4	37.7	38.2	41.8	42.2	38.7	35.9	41.7	33.5
Daily range.....	20.0	21.6	23.3	23.0	21.6	20.3	24.8	24.4	21.5	27.1
Monthly mean.....	60.5	64.3	64.7	63.3	65.9	63.8	63.5	62.2	64.6	61.6
July:										
Highest.....	87.2	92.1	92.1	89.9	95.2	91.2	91.7	89.4	90.9	91.6
Lowest.....	43.8	43.4	43.8	44.2	48.5	48.6	44.1	42.4	47.9	40.5
Daily range.....	20.3	22.0	23.1	23.4	21.8	20.3	24.5	23.4	20.5	25.7
Monthly mean.....	61.5	69.0	69.3	67.7	71.6	69.1	68.0	66.7	68.8	65.6
August:										
Highest.....	86.1	89.8	90.3	88.5	92.9	88.5	89.8	87.8	88.0	88.1
Lowest.....	41.8	42.3	40.7	41.4	46.0	46.2	40.4	38.5	43.5	37.4
Daily range.....	18.3	21.0	23.5	24.2	21.4	22.3	24.2	23.1	20.3	24.3
Monthly mean.....	64.7	66.7	66.5	64.9	69.2	65.6	65.4	64.3	65.8	62.7
September:										
Highest.....	85.0	87.1	86.9	85.6	90.2	85.2	86.0	83.9	84.1	83.7
Lowest.....	34.2	34.1	31.8	31.6	36.5	36.5	31.5	30.4	33.4	29.2
Daily range.....	18.4	19.6	22.4	22.4	20.8	18.7	22.8	22.0	19.9	23.2
Monthly mean.....	59.2	61.0	60.7	59.1	63.0	60.4	58.3	57.5	58.2	55.5
October:										
Highest.....	74.6	75.9	76.2	74.6	77.7	73.6	74.6	72.7	71.4	73.6
Lowest.....	25.6	25.2	23.7	23.5	26.3	26.4	21.4	21.3	24.5	17.9
Daily range.....	16.4	16.6	20.1	19.4	19.1	16.5	19.7	19.0	17.1	19.9
Monthly mean.....	48.1	49.1	48.3	47.0	51.1	48.6	46.3	45.9	45.9	43.5
November:										
Highest.....	61.4	63.0	62.3	61.6	65.4	60.1	59.3	59.0	58.0	56.2
Lowest.....	14.7	13.8	13.1	11.8	17.5	15.6	6.4	7.1	7.2	0.1
Daily range.....	13.2	12.1	14.8	15.0	14.3	12.9	15.1	14.7	12.1	14.8
Monthly mean.....	36.9	37.2	36.9	35.7	39.7	37.5	33.8	33.4	32.7	29.5
December:										
Highest.....	49.4	49.0	53.1	49.2	53.6	48.6	45.4	44.8	42.5	44.1
Lowest.....	0.6	-0.4	-2.3	-3.1	-0.9	-0.6	-13.0	-14.4	-15.3	-24.5
Daily range.....	12.6	10.7	13.3	13.9	13.1	12.7	15.7	16.8	15.0	19.3
Monthly mean.....	26.9	26.5	26.4	25.2	29.2	27.5	21.5	21.0	17.7	14.5
Annual mean.....	43.1	44.3	45.2	43.9	47.4	45.1	42.4	41.1	41.5	38.3

## RAIN AND SNOW.

TABLE III.—Summary of the total fall of rain and snow, and the number of days on which rain and snow fell in Ontario during 1916, at stations reporting the whole year, and the average for the province.

Stations	Rain.		Snow.		Stations	Rain.		Snow.	
	Inches	Days	Inches	Days		Inches	Days	Inches	Days
<b>ALGOMA:</b>					<b>MIDDLESEX:</b>				
Biscotasing .....	23.26	76	75.3	44	London .....	29.19	95	103.0	50
Chapleau .....	20.24	81	95.0	33	Lucan .....	32.19	99	120.7	51
Steep Hill Falls .....	28.12	120	142.5	86	<b>MUSKOKA:</b>				
Ruel .....	27.34	70	78.2	31	Beatrice.....	32.33	86	133.0	38
<b>BRANT:</b>					<b>NIPISSING:</b>				
Paris .....	29.81	82	56.0	31	Haileybury .....	23.48	117	90.7	80
<b>BRUCE:</b>					Iroquois Falls .....	18.55	86	105.8	73
North Bruce.....	27.70	97	81.6	66	Madawaska.....	26.68	66	95.7	28
Southampton .....	30.25	124	130.8	84	Montreal River .....	18.74	65	57.5	27
Tobermory .....	29.06	82	69.0	21	North Bay.....	30.64	110	66.7	39
Walkerton .....	27.57	105	132.0	53	Sturgeon Falls.....	23.94	77	28.3	19
<b>CARLETON:</b>					<b>NORFOLK:</b>				
Ottawa .....	27.13	124	119.6	58	Port Dover .....	31.40	106	92.8	55
<b>DUNDAS:</b>					<b>NORTHUMBERLAND:</b>				
Morrisburg .....	35.97	67	128.1	43	Healy Falls .....	26.95	94	92.8	37
<b>ELGIN:</b>					<b>ONTARIO:</b>				
Dutton .....	31.48	89	27.2	16	Uxbridge .....	23.52	84	74.0	38
Port Stanley.....	35.30	136	81.6	67	<b>OXFORD:</b>				
<b>ESSEX:</b>					Woodstock.....	29.14	124	46.2	39
Cottam .....	26.00	70	42.7	30	<b>PARRY SOUND:</b>				
Windsor.....	28.10	80	42.0	23	Emsdale .....	35.25	114	72.3	46
<b>FRONTENAC:</b>					Nipissing.....	26.84	81	60.7	25
Kingston .....	31.54	114	58.8	55	Parry Sound .....	33.15	122	150.0	68
<b>GREY:</b>					<b>PEEL:</b>				
Markdale.....	26.16	69	142.1	34	Alton .....	27.28	91	79.5	42
Meaford .....	24.15	102	126.0	57	<b>PERTH:</b>				
<b>HALTON:</b>					Stratford.....	30.11	110	83.3	47
Georgetown.....	25.44	111	67.3	49	<b>PETERBOROUGH:</b>				
<b>HASTINGS:</b>					Peterborough .....	24.79	90	71.6	36
Queensboro' .....	22.51	99	91.0	21	<b>PRESCOTT:</b>				
Trenton .....	27.87	90	60.6	27	Vankleek Hill.....	21.32	54	96.5	18
<b>HURON:</b>					<b>PRINCE EDWARD:</b>				
Clinton.....	32.84	112	70.7	46	Bloomfield .....	23.99	80	78.5	28
Lucknow .....	29.39	112	109.4	70	Hillier .....	23.45	63	77.5	23
Ridgecrest (Goderich)	24.26	106	85.5	28	Picton.....	23.47	75	149.0	41
<b>KENORA:</b>					<b>RAINY RIVER:</b>				
Dryden .....	25.13	63	82.8	28	Ignace .....	24.25	59	171.3	31
<b>KENT:</b>					Lac Seul .....	17.59	80	57.1	42
Chatham .....	23.80	63	76.4	23	<b>RENFREW:</b>				
Wallaceburg.....	23.94	81	49.3	29	Clontarf.....	25.81	96	91.4	51
<b>LANARK:</b>					Pembroke.....	26.23	107	76.2	52
A monte.....	26.52	92	121.4	40	Renfrew.....	24.14	95	94.9	41
MacCue .....	26.97	57	63.0	12	Stonecliffe.....	24.07	114	67.4	56
<b>LEEDS:</b>					<b>SIMCOE:</b>				
Brockville.....	24.91	69	66.0	19	Barrie.....	22.36	135	125.5	91
Westport.....	29.79	58	76.0	30	Coldwater .....	23.51	97	96.0	47
<b>LINCOLN:</b>					Collingwood .....	14.22	63	60.1	37
Grimsby.....	27.40	77	34.0	30	<b>SUDBURY:</b>				
Port Dalhousie.....	23.38	90	57.1	39	Sudbury.....	27.33	104	37.6	30
					Wawatit Falls.....	19.75	84	133.3	87
					White Fish Bay.....	17.21	61	88.6	42



## RAIN AND SNOW—Continued.

TABLE III.—Continued.

Stations.	Rain		Snow		Stations.	Rain		Snow	
	Inches	Days	Inches	Days		Inches	Days	Inches	Days
THUNDER BAY:					WENTWORTH:				
Heron Bay .....	18.06	74	126.5	37	Stoney Creek .....	22.71	59	30.5	18
Kakabeka Falls .....	15.18	81	105.0	38					
Port Arthur .....	24.21	97	51.4	36	YORK:				
Quorn .....	15.63	30	92.0	22	Agincourt .....	25.48	80	62.1	35
VICTORIA:					Deer Park .....	21.72	80	61.9	36
Kinmount .....	26.38	88	95.5	49	Toronto .....	25.30	114	67.3	61
Lindsay .....	24.18	106	62.0	61	Wexford .....	25.28	90	67.0	30
WATERLOO:					Average for the				
Kitchener .....	28.00	96	31.1	28	Province: 1916..	25.70	90	82.7	42
WELLAND:					1915..	26.03	85	55.8	32
Welland .....	28.71	90	69.1	34	1914..	19.65	71	74.3	40
WELLINGTON:					1913..	25.73	79	53.9	30
Elora .....	26.70	90	64.0	47	1912..	27.09	85	78.0	40
Guelph .....	25.42	97	51.0	31	1912-1916..	24.84	82	68.9	37
Mount Forest .....	27.50	115	98.5	67	1882-1916..	24.20	84	72.5	40

## RAIN AND SNOW.

TABLE IV. Monthly summary of inches of rain and snow in precipitation in the several districts of Ontario in 1916, also the average derived from the thirty-five years, 1882-1916.

Month.	West and South-west.		North and North-west.		Centre.		East and North-east.		The Province.	
	Rain.	Snow.	Rain.	Snow.	Rain.	Snow.	Rain.	Snow.	Rain.	Snow.
1916	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
January .....	3.41	8.4	0.87	27.5	2.37	9.0	2.41	14.7	2.26	14.9
February .....	0.06	19.1	.....	11.4	.....	20.0	0.21	27.1	0.07	19.4
March .....	0.76	23.1	0.54	12.3	0.72	17.4	0.25	19.0	0.57	17.9
April .....	3.05	1.2	2.23	5.5	3.42	1.8	1.87	5.5	2.64	3.5
May .....	5.42	.....	2.95	1.1	4.55	.....	5.12	0.3	4.51	0.4
June .....	3.83	.....	3.03	.....	3.54	.....	4.70	.....	3.78	.....
July .....	0.78	.....	2.26	.....	1.00	.....	2.09	.....	1.53	.....
August .....	2.19	.....	2.63	.....	1.50	.....	1.58	.....	1.99	.....
September .....	2.31	.....	4.04	.....	2.19	.....	2.47	.....	2.75	.....
October .....	3.36	.....	3.00	12.5	3.65	.....	3.05	0.2	3.26	3.2
November .....	1.64	9.1	1.44	6.6	1.29	7.9	1.59	3.8	1.49	6.8
December .....	1.02	18.8	0.83	14.7	0.62	13.9	0.92	18.8	0.85	16.6
The Year .....	27.83	79.7	23.87	91.6	24.85	70.0	26.26	89.4	25.70	82.7
1882-1916										
January .....	1.26	15.3	0.71	24.5	1.13	17.1	0.98	20.0	1.02	19.2
February .....	1.14	13.4	0.46	19.4	0.88	14.9	0.62	16.6	0.78	16.1
March .....	1.34	8.7	0.91	12.9	1.28	9.9	1.10	11.1	1.16	10.7
April .....	1.99	1.9	1.56	3.7	1.97	2.7	1.60	3.2	1.78	2.9
May .....	3.21	.....	2.65	0.3	2.85	.....	2.73	0.1	2.86	0.1
June .....	2.87	.....	2.69	S	2.65	.....	2.77	.....	2.74	.....
July .....	2.63	.....	2.83	.....	2.80	.....	2.87	.....	2.78	.....
August .....	2.81	.....	2.82	.....	2.36	.....	2.71	.....	2.68	.....
September .....	2.56	.....	3.05	.....	2.35	.....	2.51	.....	2.62	.....
October .....	2.68	0.7	2.95	1.8	2.49	0.5	2.38	0.8	2.62	0.9
November .....	2.26	5.2	1.89	12.1	2.05	5.1	1.85	7.2	2.01	7.4
December .....	1.44	12.5	0.84	21.7	1.24	12.1	1.08	14.5	1.15	15.2
The Year .....	26.19	57.7	23.36	96.4	24.05	62.3	23.20	73.5	24.20	72.5

## SUNSHINE.

TABLE V. Monthly summary of bright sunshine at the principal stations in Ontario for 1916, showing the number of hours the sun was above the horizon, the hours of registered sunshine, the total for the year, and the average derived from the thirty-five years, 1882-1916,

Month.	Sun above Horizon.	Woodstock.	Toronto.	Lindsay.	Kingston.	Ottawa.	Average of five stations.		
							1916	1915	1882- 1916
1916	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.
January .....	285.7	58.5	75.4	63.5	74.3	87.4	71.8	73.1	.....
February .....	*302.5	83.7	90.9	79.6	114.6	114.4	96.6	92.7	.....
March .....	369.9	126.9	166.6	144.6	157.8	196.3	158.4	197.0	.....
April .....	406.4	135.0	175.5	128.9	155.3	176.0	154.1	186.9	.....
May .....	461.1	212.8	230.3	171.2	209.5	209.7	206.7	222.4	.....
June .....	465.7	230.3	200.9	152.2	182.2	194.2	192.0	267.4	.....
July .....	470.9	320.4	326.0	270.3	319.4	312.7	309.8	236.1	.....
August .....	434.5	285.2	286.8	235.4	291.4	276.6	275.1	194.4	.....
September .....	376.3	174.8	191.0	143.6	178.5	150.2	167.6	195.3	.....
October .....	340.2	160.7	159.1	128.0	160.5	166.2	154.9	146.9	.....
November .....	286.9	120.6	104.0	69.9	102.7	111.1	101.7	92.6	.....
December .....	274.3	83.9	73.5	56.0	64.4	86.0	72.8	64.3	.....
The Year .....	4,474.4	1,992.8	2,080.0	1,643.2	2,010.6	2,080.8	1,961.5	1,969.1	.....
1882-1916									
January .....		61.7	76.6	74.2	76.5	85.7	.....	.....	74.9
February .....		90.6	107.0	102.4	110.6	110.1	.....	.....	104.1
March .....		125.0	152.5	148.1	148.0	149.8	.....	.....	144.7
April .....		169.4	189.3	184.6	182.4	190.4	.....	.....	183.2
May .....		209.6	222.6	209.0	207.7	207.3	.....	.....	211.2
June .....		249.0	260.6	237.1	251.5	235.3	.....	.....	246.7
July .....		274.6	283.9	253.8	271.7	255.5	.....	.....	267.9
August .....		234.7	250.9	228.3	247.9	239.3	.....	.....	240.2
September .....		175.6	208.0	187.0	187.8	171.4	.....	.....	186.0
October .....		144.2	153.5	130.5	139.1	132.5	.....	.....	140.0
November .....		75.9	84.0	72.1	79.9	85.4	.....	.....	79.5
December .....		54.8	66.0	55.7	67.2	61.8	.....	.....	61.1
The Year .....		1,865.1	2,054.9	1,882.8	1,970.3	1,924.5	.....	.....	1,939.5

\*Leap year; in other years it is 291.4.



## RURAL AREA ASSESSED.

TABLE VI.—Showing by County Municipalities the rural area of Ontario as returned by Municipal assessors for 1916; also the comparative totals for the Province for the five years, 1912-1916.

Counties and Districts.	Acres of assessed land.	Acres cleared.	Acres of woodland.	Acres of slash land.	Acres of swamp, marsh or waste land.	Per cent. cleared.
Algoma .....	305,080	50,147	213,932	11,748	29,253	16.44
Brant .....	215,712	179,990	9,442	17,086	9,194	83.44
Bruce .....	926,386	586,874	95,317	113,063	131,132	63.35
Carleton .....	560,766	370,773	49,195	96,761	44,037	66.12
Dufferin .....	354,979	275,971	13,799	27,529	37,680	77.74
Dundas .....	237,103	179,008	19,256	32,508	6,331	75.50
Durham .....	371,510	309,446	25,481	10,203	26,380	83.29
Elgin .....	435,815	362,021	45,087	23,459	5,248	83.07
Essex .....	425,282	358,401	22,911	35,241	8,729	84.27
Frontenac .....	699,446	260,678	73,057	167,575	198,136	37.27
Glengarry .....	287,520	195,578	53,541	18,916	19,485	68.02
Grenville .....	272,629	187,075	31,101	17,392	37,061	68.62
Grey .....	1,061,348	693,739	113,532	90,335	163,742	65.36
Haldimand .....	281,512	242,123	29,909	7,866	1,614	86.01
Haliburton .....	593,165	45,847	399,137	55,734	92,447	7.73
Halton .....	224,715	172,431	16,690	24,601	10,993	76.73
Hastings .....	1,077,623	447,818	252,782	221,219	155,804	41.56
Huron .....	798,991	665,469	48,853	31,792	52,877	83.27
Kenora .....	81,104	5,362	26,833	36,480	12,379	6.61
Kent .....	568,211	475,186	30,544	45,505	16,976	83.63
Lambton .....	659,339	506,507	65,375	76,228	11,229	76.82
Lanark .....	669,656	333,079	173,941	38,064	124,572	49.74
Leeds .....	472,304	271,670	101,200	34,697	64,737	57.52
Lennox & Addington ..	446,236	252,716	98,890	41,694	52,936	56.63
Lincoln .....	189,563	162,889	14,536	10,324	1,814	85.93
Manitoulin .....	288,876	48,028	57,191	94,485	89,172	16.63
Middlesex .....	756,197	662,808	60,612	18,583	14,194	87.65
Muskoka .....	561,197	68,822	306,552	82,917	102,906	12.27
Nipissing .....	329,175	57,050	200,580	7,458	64,087	17.33
Norfolk .....	396,846	281,843	56,109	31,951	26,943	71.02
Northumberland .....	437,017	349,266	36,873	19,720	31,158	79.92
Ontario .....	508,666	379,855	23,613	43,430	61,768	74.68
Oxford .....	470,343	400,066	33,246	19,806	17,225	85.06
Parry Sound .....	633,605	83,106	384,195	93,176	73,128	13.12
Peel .....	287,130	262,477	8,787	5,840	10,026	91.1
Perth .....	518,312	454,743	32,054	18,970	12,545	87.73
Peterborough .....	585,741	261,895	134,450	105,494	83,902	44.71
Prescott .....	293,763	207,495	32,179	40,670	13,419	70.63
Prince Edward .....	234,686	198,747	17,890	3,908	14,141	84.69
Rainy River .....	288,585	36,040	174,792	27,433	50,320	12.49
Renfrew .....	1,068,270	365,362	375,306	158,133	169,469	34.20
Russell .....	251,002	153,231	16,639	75,939	5,193	61.05
Simcoe .....	974,032	679,035	105,080	148,467	41,450	69.71
Stormont .....	248,455	157,047	34,306	44,933	12,169	63.21
Sudbury .....	386,099	56,347	175,794	23,997	129,961	14.59
Thunder Bay .....	498,143	35,142	187,613	218,960	56,428	7.05
Timiskaming .....	299,152	30,204	196,700	4,586	67,662	10.10
Victoria .....	595,008	286,610	35,723	142,381	130,294	48.17
Waterloo .....	307,935	253,355	32,013	6,796	15,771	82.28
Welland .....	226,175	186,359	17,134	13,228	9,454	82.40
Wellington .....	627,929	502,565	31,442	20,136	73,786	80.04
Wentworth .....	268,132	212,478	14,737	12,006	28,911	79.24
York .....	531,569	437,874	24,937	25,278	43,480	82.37
The Province.						
1916 .....	25,088,035	14,698,648	4,830,938	2,794,701	2,763,748	58.59
1915 .....	25,014,335	14,620,739	4,950,554	2,686,242	2,756,800	58.45
1914 .....	24,935,350	14,595,068	5,066,783	2,487,396	2,786,103	58.53
1913 .....	24,914,027	14,515,128	5,010,284	2,488,879	2,899,736	58.26
1912 .....	24,799,117	14,447,258	5,366,855	2,366,337	2,718,666	58.26

## FALL WHEAT AND SPRING WHEAT.

TABLE VII.—Showing by County Municipalities of Ontario the area, produce and market value of Fall Wheat and Spring Wheat for the year 1916, together with the comparative totals for the Province for 1914 and 1915, and the annual average for various periods.

Counties and Districts.	Fall Wheat.				Spring Wheat.			
	Acres.	Bushels.	Per acre.	Market value.	Acres.	Bushels.	Per acre.	Market value.
				\$				\$
Algoma.....	422	11,056	26.2	18,165	820	12,628	15.4	21,101
Brant.....	22,482	496,852	22.1	798,938	11	132	12.0	216
Bruce.....	31,857	726,340	22.8	1,183,208	3,393	44,448	13.1	70,228
Carleton.....	318	6,201	19.5	10,368	6,600	114,840	17.4	192,587
Dufferin.....	3,323	77,094	23.2	123,350	3,079	56,654	18.4	90,420
Dundas.....	432	9,634	22.3	15,414	1,272	22,769	17.9	37,660
Durham.....	10,129	248,161	24.5	415,918	7,432	126,344	17.0	203,161
Elgin.....	28,171	476,090	16.9	738,416	95	665	7.0	1,014
Essex.....	21,139	471,400	22.3	716,528	289	4,046	14.0	6,352
Frontenac.....	1,221	25,641	21.0	42,436	1,697	24,776	14.6	41,376
Glengarry.....					3,654	54,445	14.9	87,820
Grenville.....	85	1,386	16.3	2,310	888	15,096	17.0	25,829
Grey.....	19,781	472,766	23.9	786,210	4,914	75,676	15.4	122,444
Haldimand.....	27,568	485,197	17.6	766,611	348	4,594	13.2	7,548
Haliburton.....					267	4,139	15.5	6,734
Halton.....	14,969	254,473	17.0	428,024	943	11,316	12.0	18,819
Hastings.....	13,222	281,629	21.3	451,451	2,906	48,530	16.7	80,026
Huron.....	28,455	663,002	23.3	1,084,008	1,450	22,330	15.4	36,845
Kent.....	54,628	1,098,023	20.1	1,717,308	160	2,400	15.0	3,600
Lambton.....	33,196	736,951	22.2	1,171,752	275	4,125	15.0	6,394
Lanark.....	625	17,438	27.9	27,953	5,973	97,957	16.4	160,160
Leeds.....	1,411	31,183	22.1	48,770	1,735	27,066	15.6	42,900
Lennox and Add..	3,955	79,891	20.2	128,625	1,829	27,801	15.2	45,677
Lincoln.....	15,583	274,261	17.6	445,126	90	1,170	13.0	1,921
Manitoulin.....	387	8,591	22.2	13,746	2,180	34,444	15.8	54,800
Middlesex.....	42,380	864,552	20.4	1,348,701	185	3,145	17.0	4,821
Muskoka.....	31	372	12.0	614	237	3,887	16.4	6,515
Nipissing.....	10	173	17.3	260	1,016	18,694	18.4	30,471
Norfolk.....	31,023	589,437	19.0	944,278				
Northumberland..	15,823	370,258	23.4	620,923	6,192	87,926	14.2	143,056
Ontario.....	11,566	275,271	23.8	456,950	6,088	96,190	15.8	157,078
Oxford.....	27,141	597,102	22.0	935,659	140	2,240	16.0	3,510
Parry Sound.....	21	515	24.5	839	937	16,116	17.2	25,834
Peel.....	15,234	318,391	20.9	535,215	2,149	29,656	13.8	48,339
Perth.....	25,838	560,685	21.7	915,599	502	7,781	15.5	12,737
Peterborough.....	12,480	292,032	23.4	490,030	4,624	72,597	15.7	120,729
Prescott.....	87	1,262	14.5	2,051	3,176	38,430	12.1	67,445
Prince Edward..	7,066	134,254	19.0	205,274	1,304	18,126	13.9	26,700
Rainy R. & Kenora	36	814	22.6	1,293	1,846	24,921	13.5	40,322
Renfrew.....	2,258	43,354	19.2	71,274	32,879	463,594	14.1	753,340
Russell.....	218	3,488	16.0	5,581	2,510	37,650	15.0	61,972
Simcoe.....	64,703	1,526,991	23.6	2,495,103	6,264	103,356	16.5	165,163
Stormont.....	97	2,056	21.2	3,207	1,445	23,843	16.5	36,957
Sudbury.....	119	2,083	17.5	3,402	1,046	18,723	17.9	29,545
Thunder Bay....	90	1,800	20.0	2,880	737	13,045	17.7	22,177
Timiskaming.....	47	1,081	23.0	1,669	1,310	27,772	21.2	42,075
Victoria.....	5,956	147,709	24.8	242,390	6,703	97,194	14.5	150,942
Waterloo.....	27,413	641,464	23.4	1,024,418	76	1,140	15.0	1,805
Welland.....	21,088	343,734	16.3	560,974	25	300	12.0	480
Wellington.....	10,660	250,510	23.5	409,584	2,850	46,740	16.4	74,270
Wentworth.....	20,121	392,360	19.5	641,509	152	2,234	14.7	3,485
York.....	30,002	627,042	20.9	1,045,279	7,612	120,270	15.8	196,281
The Province:								
1916.....	704,867	14,942,050	21.2	24,099,591	144,305	2,213,961	15.3	3,591,681
1915.....	811,185	24,737,011	30.5	24,023,286	162,142	3,439,949	21.2	3,392,996
1914.....	685,692	14,333,548	20.9	15,641,232	118,607	2,169,425	18.3	2,340,520
Averages (10 years)								
1902-1911....	720,272	16,912,017	23.5	14,142,444	182,335	3,269,976	17.9	2,655,591
1892-1901....	930,794	18,688,313	20.1	12,650,091	356,355	5,405,846	15.2	3,650,840
1882-1891....	902,846	18,059,235	20.0	16,250,884	563,547	8,882,998	15.8	7,959,306
Average (35 years)								
1882-1916....	832,780	17,754,110	21.3	14,901,278	333,917	5,365,224	16.1	4,453,528



## BARLEY AND OATS.

TABLE VIII.—Showing by County Municipalities of Ontario the area, produce and market value of Barley and Oats for the year 1916, together with the comparative totals for the Province for 1914 and 1915, and the annual averages for various periods.

Counties and Districts.	Barley.				Oats.			
	Acres.	Bushels.	Per acre.	Market value.	Acres.	Bushels.	Per acre.	Market value.
				\$				\$
Algoma.....	1,588	30,807	19.4	27,726	10,996	223,219	20.3	157,816
Brant.....	6,275	149,345	23.8	152,631	27,068	752,490	27.8	493,633
Bruce.....	23,056	562,566	24.4	574,380	114,699	3,108,343	27.1	2,007,990
Carleton.....	9,486	184,977	19.5	191,451	78,296	1,816,467	23.2	1,298,774
Dufferin.....	16,236	407,524	25.1	424,640	62,581	1,796,075	28.7	1,083,033
Dundas.....	4,961	112,119	22.6	113,016	30,195	776,012	25.7	585,889
Durham.....	11,093	296,183	26.7	324,024	56,534	1,735,594	30.7	1,100,367
Elgin.....	5,855	112,416	19.2	105,671	47,966	1,069,642	22.3	758,376
Essex.....	7,582	163,013	21.5	148,342	68,271	1,542,925	22.6	1,019,873
Frontenac.....	4,471	89,420	20.0	93,265	38,801	896,303	23.1	624,723
Glengarry.....	3,437	66,334	19.3	68,258	39,071	820,491	21.0	608,804
Grenville.....	1,560	36,816	23.6	40,203	32,881	861,482	26.2	624,574
Grey.....	31,634	781,360	24.7	779,016	153,544	4,253,169	27.7	2,658,231
Haldimand.....	5,691	92,763	16.3	90,258	33,765	786,725	23.3	539,693
Haliburton.....	805	17,952	22.3	18,580	9,777	231,715	23.7	158,030
Halton.....	7,379	146,104	19.8	166,559	29,065	674,308	23.2	458,529
Hastings.....	16,136	385,650	23.9	398,376	83,128	2,310,958	27.8	1,592,250
Huron.....	29,491	704,835	23.9	687,214	134,450	3,952,830	29.4	2,545,623
Kent.....	12,285	286,241	23.3	263,914	63,000	1,549,800	24.6	1,018,219
Lambton.....	14,079	284,396	20.2	275,295	73,169	1,697,521	23.2	1,154,314
Lanark.....	5,250	137,550	26.2	134,661	44,770	1,253,560	28.0	864,956
Leeds.....	3,499	70,680	20.2	73,083	42,030	1,017,126	24.2	713,005
Lennox and Add... Lincoln.....	8,138 1,642	183,105 33,497	22.5 20.4	187,133 32,124	33,827 19,660	845,675 475,772	25.0 24.2	591,127 316,864
Manitoulin.....	2,410	56,876	23.6	54,373	7,891	225,683	28.6	151,208
Middlesex.....	15,599	305,740	19.6	287,090	98,525	2,236,518	22.7	1,514,123
Muskoka.....	703	13,427	19.1	13,991	14,958	383,563	22.3	276,932
Nipissing.....	928	22,086	23.8	22,903	12,770	379,269	29.7	243,111
Norfolk.....	4,504	98,187	21.8	96,518	38,167	843,491	22.1	561,765
Northumberland .. Ontario.....	9,324 22,004	207,925 576,505	22.3 26.2	222,272 620,319	60,625 83,256	1,594,438 2,547,634	26.3 30.6	1,045,951 1,569,343
Oxford.....	10,223	234,107	22.9	226,381	70,986	1,781,749	25.1	1,179,519
Parry Sound.....	1,404	33,275	23.7	35,737	21,590	593,725	27.5	422,138
Peel.....	18,497	373,639	20.2	405,772	50,234	1,381,435	27.5	888,263
Perth.....	26,741	673,873	25.2	670,504	101,651	2,947,879	29.0	1,945,600
Peterborough.....	8,376	232,853	27.8	240,537	53,032	1,622,779	30.6	996,386
Prescott.....	5,206	98,393	18.9	100,754	43,805	915,525	20.9	672,911
Prince Edward.... Rainy R'r. & Kenora	8,445 1,294	154,544 35,547	18.3 25.5	160,108 31,246	105,536 7,145	587,328 204,547	23.0 28.6	401,732 138,139
Renfrew.....	5,915	111,202	18.8	100,304	67,471	1,814,970	26.9	1,157,951
Russell.....	3,415	65,568	19.2	66,748	30,871	737,817	23.9	509,832
Simcoe.....	54,065	1,389,471	25.7	1,429,766	141,383	4,184,937	29.6	2,594,661
Stormont.....	3,305	61,143	18.5	57,413	27,661	638,969	23.1	42,582
Sudbury.....	1,336	31,129	23.3	33,433	11,122	299,182	26.9	212,419
Thunder Bay.....	1,187	24,690	20.8	22,616	7,568	232,338	30.7	150,090
Timiskaming.....	958	27,878	29.1	26,540	7,591	250,503	33.0	173,348
Victoria.....	18,297	406,193	22.2	428,940	64,193	1,784,565	27.8	1,090,369
Waterloo.....	10,094	266,482	26.4	263,551	53,174	1,483,555	27.9	958,377
Welland.....	969	15,698	16.2	15,227	20,935	418,700	20.0	267,968
Wellington.....	25,381	637,063	25.1	663,183	108,654	2,879,331	26.5	1,986,738
Wentworth.....	5,803	134,630	23.2	138,669	32,334	856,851	26.5	564,665
York.....	29,774	765,192	25.7	817,225	99,090	3,022,245	30.5	1,985,615
The Province:								
1916.....	527,886	12,388,969	23.5	12,621,940	2,689,762	71,297,528	26.5	47,066,428
1915.....	552,318	19,893,129	36.0	11,130,811	2,871,555	120,217,952	41.9	47,452,121
1914.....	579,473	18,096,754	31.2	11,640,790	2,776,883	103,564,322	37.3	51,232,043
Averages (10 yrs.)								
1902-1911.....	711,199	21,709,056	30.5	10,870,736	2,703,900	98,968,442	36.6	36,309,289
1892-1901.....	498,932	13,100,823	26.3	5,037,346	2,291,902	79,229,462	34.6	22,119,649
1882-1891.....	743,245	19,349,351	26.0	10,547,091	1,663,205	58,410,603	35.1	21,017,492
Average (35 yrs.)								
1882-1916.....	641,842	17,984,554	28.0	9,182,257	2,292,276	81,658,188	35.6	28,987,497



## PEAS AND BEANS.

TABLE IX.—Showing by County Municipalities of Ontario the area, produce and market value of Peas and Beans for the year 1916, together with the comparative totals for the Province for 1914 and 1915, and the annual averages for various periods.

Counties and Districts.	Peas.				Beans.			
	Acres.	Bushels.	Per acre.	Market value.	Acres.	Bushels.	Per acre.	Market value.
				\$				\$
Algoma .....	868	10,242	11.8	19,726	22	220	10.0	1,056
Brant .....	286	2,488	8.7	4,872	827	8,849	10.7	45,749
Bruce .....	5,772	66,955	11.6	145,962	252	3,226	12.8	15,872
Carleton .....	1,093	16,504	15.1	35,913	679	9,438	13.9	50,021
Dufferin .....	1,520	21,888	14.4	44,958	23	230	10.0	920
Dundas .....	316	4,329	13.7	7,623	298	4,828	16.2	24,912
Durham .....	6,101	76,263	12.5	160,305	666	7,659	11.5	38,908
Elgin .....	579	5,790	10.0	13,317	4,874	56,538	11.6	304,174
Essex .....	72	864	12.0	2,298	994	13,419	13.5	75,012
Frontenac .....	243	2,843	11.7	5,277	279	3,376	12.1	18,230
Glengarry .....	388	4,307	11.1	8,748	199	2,109	10.6	10,777
Grenville .....	75	1,305	17.4	2,691	360	4,716	13.1	25,372
Grey .....	5,565	73,458	13.2	159,845	161	1,369	8.5	6,544
Haldimand .....	616	6,160	10.0	12,757	254	1,981	7.8	10,143
Haliburton .....	226	210	14.0	411				
Halton .....	791	7,119	9.0	15,662	165	1,650	10.0	9,075
Hastings .....	1,740	24,534	14.1	46,860	392	3,293	8.4	17,025
Huron .....	3,682	44,184	12.0	92,477	5,959	85,810	14.4	488,259
Kent .....	584	8,176	14.0	17,987	22,944	211,085	9.2	1,152,524
Lambton .....	511	6,132	12.0	9,198	1,100	12,650	11.5	64,642
Lanark .....	1,113	17,363	15.6	34,257	284	3,806	13.4	18,383
Leeds .....	397	5,002	12.6	9,794	319	3,828	12.0	20,250
Lennox and Add'n	1,461	19,870	13.6	40,535	319	5,104	16.0	29,195
Lincoln .....	120	1,560	13.0	2,707	282	4,286	15.2	22,320
Manitoulin .....	1,364	19,096	14.0	39,758	39	390	10.0	2,145
Middlesex .....	686	6,174	9.0	10,422	1,388	18,460	13.3	100,238
Muskoka .....	663	8,288	12.5	17,479	22	220	10.0	1,100
Nipissing .....	1,045	18,183	17.4	37,584	15	225	15.0	1,085
Norfolk .....	1,261	11,349	9.0	24,310	1,774	17,030	9.6	89,748
Northumberland ...	2,803	33,075	11.8	67,572	936	10,858	11.6	57,873
Ontario .....	3,499	38,139	10.9	79,100	259	3,030	11.7	16,332
Oxford .....	224	2,240	10.0	4,446	189	2,457	13.0	12,531
Parry Sound .....	1,717	25,240	14.7	50,985	2	20	10.0	100
Peel .....	1,949	20,270	10.4	42,932	35	280	8.0	1,540
Perth .....	997	14,357	14.4	27,680	92	920	10.0	4,471
Peterborough .....	5,360	81,472	15.2	177,365	210	1,680	8.0	8,921
Prescott .....	638	7,911	12.4	20,474	370	4,218	11.4	22,482
Prince Edward ....	3,580	46,898	13.1	85,683	1,746	19,904	11.4	117,036
Rainy Riv. & Kenora	94	1,532	16.3	3,275	2	30	15.0	150
Renfrew .....	10,395	141,372	13.6	309,181	402	5,306	13.2	24,620
Russell .....	874	10,838	12.4	25,816	373	6,005	16.1	30,626
Simcoe .....	7,409	91,872	12.4	198,811	547	6,564	12.0	33,542
Stormont .....	174	2,575	14.8	4,282	232	3,480	15.0	18,896
Sudbury .....	946	13,622	14.4	30,459	19	152	8.0	669
Thunder Bay .....	191	3,686	19.3	7,593	16	160	10.0	800
Timiskaming .....	1,089	26,789	24.6	54,087	35	525	15.0	2,863
Victoria .....	5,968	89,520	15.0	194,616	166	1,992	12.0	10,836
Waterloo .....	826	11,564	14.0	21,185	39	273	7.0	1,229
Welland .....	52	520	10.0	812	2,674	22,194	8.3	134,496
Wellington .....	3,623	44,201	12.2	93,839	140	1,400	10.0	7,532
Wentworth .....	320	3,744	11.7	6,616	194	1,552	8.0	8,862
York .....	3,676	41,906	11.4	88,212	431	4,310	10.0	23,490
The Province:								
1916 .....	95,542	1,243,979	13.4	2,618,754	53,999	583,105	10.8	3,183,086
1915 .....	126,943	2,043,049	16.1	3,302,641	62,863	882,819	14.0	2,745,106
1914 .....	177,856	2,609,585	14.7	3,565,974	51,149	835,895	16.3	1,787,432
Averages (10 years):								
1902-1911 .....	389,104	7,056,642	18.1	5,275,196	50,006	854,999	17.1	1,263,012
1892-1901 .....	789,819	14,242,404	18.5	7,613,480	51,654	875,597	17.0	818,381
1882-1891 .....	668,962	13,908,658	20.8	8,575,501	26,201	469,393	17.9	545,087
Average 35 years):								
1882-1916 .....	545,086	10,421,398	19.1	6,608,115	45,228	757,288	16.7	1,085,700

## RYE AND BUCKWHEAT.

TABLE X.—Showing by County Municipalities of Ontario the area, produce and market value of Rye and Buckwheat for the year 1916, together with the comparative totals for the Province for 1914 and 1915, and the annual averages for various periods.

Counties and Districts.	Rye.				Buckwheat.			
	Acres.	Bushels.	Per acre.	Market value.	Acres.	Bushels.	Per acre.	Market value.
				\$				\$
Algoma .....	76	1,155	15.2	1,213	194	2,231	11.5	2,157
Brant .....	3,996	61,538	15.4	72,615	2,485	36,033	14.5	40,249
Bruce .....	1,740	27,840	16.0	31,292	4,658	83,378	17.9	89,798
Carleton .....	704	12,742	18.1	13,061	5,521	93,857	17.0	100,896
Dufferin .....	4,246	75,154	17.7	93,642	4,539	39,489	8.7	43,438
Dundas .....	699	12,442	17.8	15,254	5,424	113,362	20.9	116,083
Durham .....	13,093	205,560	15.7	258,183	6,404	87,735	13.7	101,860
Elgin .....	1,048	14,253	13.6	15,778	4,630	61,579	13.3	65,335
Essex .....	671	11,407	17.0	11,761	2,485	28,329	11.4	29,547
Frontenac .....	1,532	22,827	14.9	28,374	3,974	55,636	14.0	62,424
Glengarry .....	.....	.....	.....	.....	2,633	47,921	18.2	47,921
Grenville .....	1,236	22,495	18.2	28,344	5,142	97,184	18.9	104,473
Grey .....	610	10,065	16.5	9,059	6,684	98,255	14.7	96,978
Haldimand .....	290	4,698	16.2	5,365	3,006	18,036	6.0	20,236
Haliburton .....	398	6,607	16.6	7,624	642	9,052	14.1	10,156
Halton .....	289	4,335	15.0	5,332	1,328	15,139	11.4	17,410
Hastings .....	11,025	185,220	16.8	213,003	10,887	178,547	16.4	190,510
Huron .....	1,488	26,338	17.7	31,158	8,681	143,237	16.5	150,399
Kent .....	1,008	14,112	14.0	15,368	2,904	45,012	15.5	44,472
Lambton .....	302	4,681	15.5	4,447	1,224	16,524	13.5	15,004
Lanark .....	2,131	39,637	18.6	43,482	4,759	81,379	17.1	78,531
Leeds .....	1,842	30,393	16.5	35,438	4,694	67,594	14.4	71,582
Lennox & Addington .....	2,993	50,282	16.8	60,690	6,790	103,887	15.3	120,093
Lincoln .....	409	6,012	14.7	6,577	988	15,314	15.5	18,224
Manitoulin .....	315	5,450	17.3	5,537	160	3,520	22.0	3,168
Middlesex .....	1,295	21,238	16.4	23,234	1,615	22,933	14.2	25,685
Muskoka .....	326	5,151	15.8	6,181	312	3,806	12.2	4,472
Nipissing .....	114	2,052	18.0	2,142	228	4,264	18.7	4,699
Norfolk .....	10,792	156,484	14.5	191,849	10,457	112,936	10.8	136,991
Northumberland .....	16,459	243,593	14.8	302,543	15,294	232,469	15.2	268,502
Ontario .....	9,113	151,276	16.6	185,313	10,356	157,411	15.2	181,967
Oxford .....	1,509	22,937	15.2	26,882	5,189	79,392	15.3	85,585
Parry Sound .....	227	3,814	16.8	4,531	107	1,338	12.5	1,382
Peel .....	3,985	64,956	16.3	75,869	2,409	14,454	6.0	16,232
Perth .....	24	384	16.0	346	3,517	50,293	14.3	50,293
Peterborough .....	5,552	89,942	16.2	107,751	6,320	87,216	13.8	100,996
Prescott .....	203	2,538	12.5	2,792	1,639	22,946	14.0	27,994
Prince Edward .....	6,691	95,681	14.3	113,956	8,829	108,597	12.3	127,167
Rainy R'r & Kenora .....	144	3,456	24.0	3,974	9	162	18.0	162
Renfrew .....	9,870	143,115	14.5	159,573	2,581	37,166	14.4	32,892
Russell .....	79	1,185	15.0	1,173	1,508	29,406	19.5	31,259
Simcoe .....	15,768	258,595	16.4	310,831	17,917	252,630	14.1	267,030
Stormont .....	88	1,434	16.3	1,569	2,663	58,320	21.9	65,318
Sudbury .....	50	1,000	20.0	1,100	130	2,600	20.0	3,078
Thunder Bay .....	117	2,925	25.0	2,925	32	480	15.0	480
Timiskaming .....	.....	.....	.....	.....	14	210	15.0	210
Victoria .....	2,654	42,199	15.9	48,276	6,628	79,536	12.0	87,808
Waterloo .....	3,399	56,763	16.7	61,985	3,364	39,022	11.6	40,349
Welland .....	166	2,141	12.9	2,381	3,547	24,829	7.0	28,777
Wellington .....	1,539	28,472	18.5	32,600	9,237	90,523	9.8	96,588
Wentworth .....	547	8,369	15.3	9,256	2,295	31,442	13.7	33,580
York .....	5,886	89,467	15.2	105,661	12,172	175,277	14.4	195,259
The Province:								
1916 .....	148,738	2,354,410	15.8	2,797,290	229,205	3,261,888	14.2	3,555,699
1915 .....	173,736	3,210,512	18.5	2,532,051	193,497	4,278,366	22.1	3,057,398
1914 .....	138,913	2,315,532	16.7	1,965,522	177,227	4,251,421	24.0	3,041,564
Averages (10 years)								
1902-1911 .....	112,424	1,877,432	16.7	1,129,754	131,168	2,871,668	21.9	1,503,428
1892-1901 .....	129,188	2,088,786	16.2	937,885	131,005	2,450,389	18.7	949,189
1882-1891 .....	103,636	1,683,211	16.2	1,010,057	69,230	1,413,900	20.4	586,472
Average (35 years)								
1882-1916 .....	118,235	1,948,406	16.5	1,161,981	124,232	2,530,813	20.4	1,301,284



## CORN.\*

TABLE XI.—Showing by County Municipalities of Ontario, the area, produce and market value of Corn for husking and for fodder for the year 1916, together with the comparative totals for the Province for 1914 and 1915 and the annual averages for various periods.

Counties and Districts.	Corn for husking.				Corn for Silo.			
	Acres.	Bushels.	Per acre.	Market Value.	Acres.	Tons green.	Per acre.	Market value.
Algoma .....	62	1,860	30.0	\$ 1,572	216	1,601	7.41	\$ 5,203
Brant .....	3,227	138,761	43.0	100,324	7,214	53,095	7.36	172,559
Bruce .....	320	13,856	43.3	10,156	13,639	107,748	7.90	350,181
Carleton .....	554	16,620	30.0	14,725	17,404	156,636	9.00	509,067
Dufferin .....	75	3,000	40.0	2,385	2,129	14,243	6.69	46,290
Dundas .....	1,468	73,400	50.0	70,464	10,668	90,998	8.53	295,744
Durham .....	1,144	51,480	45.0	39,022	11,172	83,790	7.50	272,318
Elgin .....	19,520	1,022,848	52.4	785,547	15,632	95,980	6.14	311,935
Essex .....	78,111	3,733,706	47.8	2,669,600	4,153	34,428	8.29	111,891
Frontenac .....	1,842	81,048	44.0	68,242	5,134	45,476	6.91	115,297
Glengarry .....	748	29,920	40.0	23,038	6,043	57,106	9.45	185,595
Grenville .....	2,406	100,811	41.9	99,500	6,618	60,025	9.07	195,081
Grey .....	417	19,474	46.7	15,190	15,558	108,966	7.00	353,945
Haldimand .....	2,075	99,393	47.9	75,837	4,117	19,350	4.70	62,888
Haliburton .....	166	6,640	40.0	5,093	175	1,335	7.63	4,339
Halton .....	265	7,950	30.0	5,963	4,905	32,177	6.56	104,575
Hastings .....	4,907	215,417	43.9	190,859	12,086	77,350	6.40	251,388
Huron .....	949	47,450	50.0	39,526	17,363	146,891	8.46	477,396
Kent .....	58,523	3,236,322	55.3	2,359,279	8,376	66,328	7.92	215,599
Lambton .....	19,735	1,103,187	55.9	756,786	17,864	118,796	6.65	386,087
Lanark .....	996	34,860	35.0	29,666	9,808	92,646	9.45	301,230
Leeds .....	2,467	104,601	42.4	89,120	7,693	59,544	7.74	193,518
Lennox & Addington .....	1,759	70,360	40.0	60,228	4,813	33,498	6.96	108,869
Lincoln .....	3,004	124,666	41.5	100,605	3,057	17,089	5.59	55,539
Manitowlin .....	124	4,960	40.0	3,968	763	6,241	8.18	20,283
Middlesex .....	12,942	572,064	44.2	454,197	26,550	218,772	8.24	711,009
Muskoka .....	150	5,625	37.5	5,186	607	3,490	5.75	11,343
Nipissing .....	60	2,400	40.0	2,160	154	1,483	9.63	4,820
Norfolk .....	13,331	590,563	44.3	415,756	10,068	59,200	5.88	192,400
Northumberland .....	2,889	144,450	50.0	113,682	11,576	77,212	6.67	250,939
Ontario .....	692	33,424	48.3	24,934	15,270	116,510	7.63	378,658
Oxford .....	3,879	167,961	43.3	119,420	31,216	239,739	7.68	779,152
Parry Sound .....	51	2,040	40.0	1,822	307	2,303	7.50	7,485
Peel .....	122	6,100	50.0	5,411	6,016	41,089	6.83	133,539
Perth .....	1,123	44,920	40.0	31,309	16,779	120,305	7.17	390,991
Peterborough .....	344	13,760	40.0	12,412	7,876	68,679	8.72	223,207
Prescott .....	1,356	56,545	41.7	51,456	6,482	47,902	7.39	155,682
Prince Edward .....	3,763	185,892	49.4	155,220	5,895	32,246	5.47	104,800
Rainy R'r & Kenora .....	21	630	30.0	473	40	280	7.00	910
Renfrew .....	495	14,850	30.0	14,850	8,101	68,696	8.48	223,262
Russell .....	714	35,700	50.0	29,488	5,713	49,874	8.73	162,091
Simcoe .....	1,291	54,868	42.5	42,084	15,439	111,006	7.19	360,770
Stormont .....	1,716	81,167	47.3	67,693	6,852	67,287	9.82	218,683
Sudbury .....	29	870	30.0	783	130	780	6.00	2,535
Thunder Bay .....	8	240	30.0	180	85	649	7.63	2,109
Timiskaming .....					2	12	6.00	39
Victoria .....	336	10,080	30.0	8,739	9,223	61,886	6.71	201,130
Waterloo .....	648	19,440	30.0	14,522	11,275	65,508	5.81	212,901
Welland .....	6,158	274,031	44.5	215,114	4,691	21,110	4.50	68,608
Wellington .....	123	4,920	40.0	3,774	9,999	75,392	7.54	245,024
Wentworth .....	938	37,520	40.0	27,877	6,997	45,481	6.50	147,813
York .....	289	14,450	50.0	10,823	15,468	107,967	6.98	350,893
The Province:								
1916 .....	258,332	12,717,072	49.2	9,446,060	439,411	3,276,185	7.46	10,647,610
1915 .....	309,773	21,760,496	70.2	9,885,292	443,736	4,874,377	10.9	12,185,943
1914 .....	290,817	23,232,360	80.0	10,622,455	418,105	4,751,223	11.36	11,878,058
Averages (10 yrs.)								
1902-1911 .....	325,515	22,988,755	70.6	8,780,681	236,330	2,731,936	11.56	5,652,083
1892-1901 .....	294,076	21,218,057	72.2	5,314,705	157,611	1,777,533	11.28	3,555,065
Average (25 years).								
1892-1916 .....	306,238	21,758,461	71.1	7,544,631	240,271	2,641,016	10.99	5,874,218

\* The combined average of corn for the ten years 1882-1891 is 195,878 acres, the average value of the produce for the same period being \$3,704,614. The combined average for corn for the thirty-five years 1882-1916 is 446,329 acres, the average value of the produce for the same period being \$10,643,353.



## POTATOES AND CARROTS.

TABLE XII.—Showing by County Municipalities of Ontario, the area, produce and market value of Potatoes and Carrots for the year 1916, together with the comparative totals for the Province for 1914 and 1915, and the annual averages for the various periods.

Counties and Districts.	Potatoes				Carrots.			
	Acres.	Bushels.	Per acre.	Market value.	Acres.	Bushels.	Per acre.	Market value.
				\$				
Algoma .....	1,249	146,133	117	188,658	34	6,800	200	952
Brant .....	2,297	82,692	36	122,301	23	2,300	100	322
Bruce .....	4,187	221,911	53	291,369	71	9,159	129	1,282
Carleton .....	4,422	265,320	60	332,977	91	11,739	129	1,643
Dufferin .....	2,705	119,020	44	149,132	19	1,900	100	266
Dundas .....	1,633	68,586	42	86,693	24	2,208	92	309
Durham .....	2,864	131,744	46	185,627	37	5,550	150	777
Elgin .....	2,578	134,056	52	189,823	26	6,188	238	866
Essex .....	3,195	137,385	43	192,751	36	7,200	200	1,008
Frontenac .....	2,864	108,832	38	165,969	57	6,270	110	878
Glengarry .....	2,158	148,902	69	171,833	65	6,500	100	910
Grenville .....	2,416	140,128	58	170,816	80	16,000	200	2,240
Grey .....	5,142	287,952	56	372,322	69	9,177	133	1,285
Haldimand .....	1,213	31,538	26	46,613	12	1,200	100	168
Haliburton .....	609	43,239	71	51,325	15	3,000	200	420
Halton .....	1,159	46,360	40	70,421	5	500	100	70
Hastings .....	4,690	225,120	48	322,372	61	8,235	135	1,153
Huron .....	3,274	173,522	53	234,602	51	5,100	100	714
Kent .....	3,026	157,352	52	219,978	55	13,750	250	1,925
Lambton .....	2,601	130,050	50	179,859	55	5,500	100	770
Lanark .....	1,966	117,960	60	151,461	27	2,160	80	302
Leeds .....	2,406	91,428	38	126,262	40	4,600	115	644
Lennox & Addingt'n.	2,518	113,310	45	163,846	260	13,780	53	1,929
Lincoln .....	1,248	41,184	33	60,252	66	12,540	190	1,755
Manitoulin .....	610	46,970	77	58,853	36	7,200	200	1,008
Middlesex .....	6,277	332,681	53	460,098	22	3,520	160	493
Muskoka .....	1,230	68,880	56	92,230	38	5,434	143	760
Nipissing .....	1,109	166,350	150	192,633	29	5,800	200	812
Norfolk .....	3,199	137,557	43	182,125	60	7,500	125	1,050
Northumberland ...	3,941	130,053	33	191,698	54	7,398	137	1,035
Ontario .....	3,956	197,800	50	261,492	23	3,450	150	483
Oxford .....	2,387	90,706	38	124,267	37	3,700	100	518
Parry Sound.....	1,353	142,065	105	176,729	31	6,200	200	868
Peel .....	2,199	98,955	43	130,423	104	15,600	150	2,184
Perth .....	2,732	147,528	54	210,080	4	600	150	84
Peterborough .....	2,602	117,090	45	164,277	4	628	157	88
Prescott .....	2,211	123,816	56	156,999	44	7,920	180	1,109
Prince Edward.....	1,743	47,061	27	67,250	18	2,840	130	328
Rainy R'r & Kenora..	860	159,960	186	154,681	11	2,750	250	385
Renfrew .....	3,749	299,920	80	338,910	85	12,155	143	1,702
Russell .....	1,392	82,128	59	99,539	51	6,375	125	893
Simcoe .....	9,277	482,404	52	610,241	116	22,504	194	3,151
Stormont .....	1,653	105,792	64	146,310	27	3,159	117	442
Sudbury .....	1,251	150,120	120	185,098	52	6,500	125	910
Thunder Bay .....	1,473	257,775	175	252,104	33	7,920	240	1,109
Timiskaming .....	749	100,366	134	110,102	25	3,125	125	438
Victoria .....	1,945	83,635	43	118,678	32	2,400	75	336
Waterloo .....	2,727	95,445	35	136,391	5	500	100	70
Welland .....	2,317	46,340	20	69,186	20	2,000	100	280
Wellington .....	5,011	215,473	43	299,292	39	7,800	200	1,092
Wentworth .....	3,177	120,726	38	173,483	33	6,600	200	924
York .....	5,973	197,109	33	273,784	79	8,690	110	1,217
The Province:								
1916 .....	139,523	7,408,429	53	9,684,215	2,391	331,124	138	46,357
1915 .....	173,934	13,267,023	76	10,805,026	2,439	686,232	281	85,779
1914 .....	167,591	26,717,587	158	11,747,332	2,448	766,170	313	95,771
Averages (10 yrs.)								
1902-1911 .....	153,092	17,355,152	113	8,928,246	5,243	1,688,002	322	211,000
1892-1901 .....	164,451	18,304,638	111	6,150,629	11,163	3,880,538	348	485,068
1882-1891 .....	155,449	18,840,683	121	8,476,165	10,243	3,659,347	351	457,417
Average (35 yrs.).....								
1882-1916.....	157,986	18,079,094	114	8,385,877	8,020	2,725,760	340	340,862

## MANGELS AND TURNIPS.

TABLE XIII. Showing by County Municipalities of Ontario the area, produce and market value of Mangels and Turnips for the year 1916, together with the comparative totals for the Province for 1914 and 1915, and the annual averages for various periods.

Counties and Districts.	Mangels.				Turnips.			
	Acres.	Bushels.	Per Acre.	Market value.	Acres.	Bushels.	Per Acre.	Market value.
				\$				\$
Algoma .....	22	4,620	210	647	434	104,160	240	14,582
Brant .....	1,044	267,264	256	37,417	2,871	717,750	250	100,485
Bruce .....	2,963	749,639	253	104,949	2,928	761,280	260	106,579
Carleton .....	341	73,315	215	10,264	1,834	465,836	254	65,217
Dufferin .....	338	43,940	130	6,151	2,405	521,885	217	73,064
Dundas .....	75	11,400	152	1,596	157	25,434	162	3,561
Durham .....	1,511	377,750	250	52,885	3,726	998,568	268	139,800
Elgin .....	359	89,750	250	12,565	133	29,393	221	4,115
Essex .....	418	124,564	298	17,439	76	19,000	250	2,660
Frontenac .....	95	11,590	122	1,622	426	67,308	158	9,423
Glengarry .....	125	18,750	150	2,625	483	72,933	151	10,211
Grenville .....	100	21,000	210	2,940	251	61,495	245	8,609
Grey .....	2,039	487,321	239	68,225	4,135	1,112,315	269	155,724
Haldimand .....	199	20,895	105	2,925	77	13,090	170	1,833
Haliburton .....	24	5,520	230	773	238	68,306	287	9,563
Halton .....	1,091	196,380	180	27,493	963	176,229	183	24,672
Hastings .....	246	31,980	130	4,477	1,588	368,416	232	51,578
Huron .....	4,309	1,197,902	278	167,706	4,116	1,251,264	304	175,177
Kent .....	534	154,326	289	21,606	96	33,600	350	4,704
Lambton .....	700	161,700	231	22,638	126	13,356	106	1,870
Lanark .....	191	46,413	243	6,498	1,060	310,580	293	43,481
Leeds .....	360	62,640	174	8,770	816	180,336	221	25,247
Lennox & Addington .....	136	12,784	94	1,790	203	32,886	162	4,604
Lincoln .....	227	41,541	183	5,816	90	19,980	222	2,797
Manitoulin .....	87	16,965	195	2,375	327	98,100	300	13,734
Middlesex .....	1,202	370,216	308	51,830	1,983	577,053	291	80,787
Muskoka .....	72	17,640	245	2,470	517	109,087	211	15,272
Nipissing .....	37	8,658	234	1,212	404	121,200	300	16,968
Norfolk .....	329	75,999	231	10,640	951	159,768	168	22,368
Northumberland .....	876	192,720	220	26,981	4,026	1,026,630	255	143,728
Ontario .....	2,380	604,520	254	84,633	8,845	2,715,415	307	380,158
Oxford .....	1,629	307,881	189	43,103	4,958	951,936	192	133,271
Parry Sound .....	50	20,000	400	2,800	837	301,320	360	42,185
Peel .....	605	94,985	157	13,298	944	209,568	222	29,339
Perth .....	3,315	798,915	241	111,848	3,572	943,008	264	132,021
Peterborough .....	794	202,470	255	28,346	2,512	753,600	300	105,504
Prescott .....	110	18,370	167	2,572	366	55,266	151	7,737
Prince Edward .....	159	32,436	204	4,541	99	14,652	148	2,051
Rainy R'r & Kenora .....	38	12,198	321	1,708	177	62,835	355	8,797
Renfrew .....	210	30,870	147	4,322	877	197,325	225	27,626
Russell .....	80	17,360	217	2,430	580	145,000	250	20,300
Simcoe .....	2,846	651,734	229	91,243	5,859	1,546,776	264	216,549
Stormont .....	121	22,143	183	3,100	137	41,100	300	5,754
Sudbury .....	66	11,550	175	1,617	552	165,600	300	23,184
Thunder Bay .....	56	15,680	280	2,195	448	179,200	400	25,088
Timiskaming .....	29	8,700	300	1,218	285	85,500	300	11,970
Victoria .....	748	157,080	210	21,991	3,476	1,021,944	294	143,072
Waterloo .....	2,635	397,885	151	55,704	3,947	888,075	225	124,331
Welland .....	138	24,840	180	3,478	63	9,450	150	1,323
Wellington .....	2,748	599,064	218	83,869	9,212	2,689,904	292	376,587
Wentworth .....	1,022	245,280	240	34,339	2,007	471,645	235	66,030
York .....	2,964	586,872	198	82,162	4,477	1,101,342	246	154,188
The Province:								
1916 .....	42,793	9,756,015	228	1,365,842	91,670	24,067,699	263	3,369,478
1915 .....	50,799	25,356,323	498	2,028,505	97,451	46,598,851	478	4,659,885
1914 .....	50,663	25,439,520	502	2,035,162	95,371	46,336,708	486	4,633,671
Averages (10 years)								
1902-1911 .....	70,809	33,245,680	470	2,659,654	123,855	54,987,697	444	5,498,770
1892-1901 .....	39,984	17,864,726	447	1,429,178	147,080	63,424,431	431	6,342,443
1882-1891 .....	19,546	8,538,096	437	683,048	104,943	42,981,280	410	4,298,128
Average (35 years)								
1882-1916 .....	44,638	20,189,824	452	1,631,910	121,210	52,068,251	430	5,234,331



## SUGAR BEETS—MIXED GRAINS.

TABLE XIV.—Showing by County Municipalities of Ontario the area, produce and market value of Sugar Beets and Mixed Grains for the year 1916, together with the comparative totals for the Province for the past eight years, and the annual average for 1907-1916.

Counties and Districts.	Sugar Beets.				Mixed Grains.			
	Acres.	Bushels.	Per acre.	Market value.	Acres.	Bushels.	Per acre.	Market value.
				\$				\$
Algoma.....	6	798	133	112	779	17,761	22.8	16,766
Brant.....	166	41,500	250	5,810	5,139	154,170	30.0	140,295
Bruce.....	219	40,953	187	5,733	23,728	683,366	28.8	646,464
Carleton.....	275	55,275	201	7,738	13,490	329,156	24.4	318,952
Dufferin.....	231	34,650	150	4,851	13,227	371,679	28.1	336,741
Dundas.....	120	16,920	141	2,369	11,076	281,330	25.4	254,322
Durham.....	67	13,400	200	1,876	22,770	648,945	28.5	650,892
Elgin.....	164	32,800	200	4,592	8,353	182,931	21.9	159,516
Essex.....	1,513	425,153	281	59,521	2,366	61,516	26.0	67,668
Frontenac.....	109	15,369	141	2,151	3,105	78,557	25.3	76,593
Glengarry.....	97	11,349	117	1,589	4,269	82,819	19.4	70,396
Grenville.....	129	24,252	188	3,395	6,298	159,969	25.4	146,372
Grey.....	522	129,978	249	18,197	23,192	679,526	29.3	585,072
Haldimand.....	51	5,916	116	828	4,771	104,962	22.0	90,582
Haliburton.....	36	7,668	213	1,074	226	5,673	25.1	5,463
Halton.....	110	22,000	200	3,080	6,797	167,886	24.7	170,236
Hastings.....	167	20,875	125	2,923	6,182	159,496	25.8	163,483
Huron.....	347	90,567	261	12,679	23,602	691,539	29.3	605,097
Kent.....	9,256	3,221,088	348	450,952	6,272	149,274	23.8	139,273
Lambton.....	1,803	416,493	231	58,309	10,019	220,418	22.0	183,608
Lanark.....	103	24,720	240	3,461	5,523	161,824	29.3	158,588
Leeds.....	115	15,870	138	2,222	6,056	133,232	22.0	136,296
Lennox and Add..	109	8,502	78	1,190	5,758	134,161	23.3	143,150
Lincoln.....	178	27,946	157	3,912	2,168	52,682	24.3	43,463
Manitoulin.....	72	15,480	215	2,167	2,124	61,171	28.8	59,581
Middlesex.....	270	76,950	285	10,773	13,113	300,288	22.9	259,749
Muskoka.....	55	9,625	175	1,348	478	11,998	25.1	10,798
Nipissing.....	29	3,355	115	467	1,531	45,777	29.9	40,146
Norfolk.....	106	19,716	186	2,760	5,081	127,025	25.0	125,501
Northumberland..	63	7,245	115	1,014	10,239	273,381	26.7	290,331
Ontario.....	191	32,661	171	4,573	31,017	977,036	31.5	1,016,117
Oxford.....	477	70,596	148	9,883	19,423	530,248	27.3	462,376
Parry Sound.....	15	4,500	300	630	1,231	30,652	24.9	31,817
Peel.....	113	18,080	160	2,531	9,326	221,959	23.8	229,284
Perth.....	758	184,194	243	25,787	24,115	730,685	30.3	645,926
Peterborough.....	48	11,616	242	1,626	3,872	108,029	27.9	108,029
Prescott.....	44	8,976	204	1,257	1,291	25,562	19.8	22,852
Prince Edward ..	75	11,025	147	1,544	2,807	58,947	21.0	59,890
Rainy R. & Kenora	12	3,720	310	521	320	8,800	27.5	7,260
Renfrew.....	112	12,096	108	1,693	5,587	135,205	24.2	117,223
Russell.....	25	4,575	183	641	3,139	73,767	23.5	70,226
Simcoe.....	710	148,390	209	20,775	19,696	569,214	28.9	599,382
Stormont.....	68	14,756	217	2,066	5,567	131,381	23.6	113,645
Sudbury.....	15	2,550	170	357	938	24,576	26.2	23,151
Thunder Bay.....	24	4,800	200	672	486	14,580	30.0	11,664
Timiskaming.....	17	5,100	300	714	533	18,868	35.4	18,868
Victoria.....	143	20,735	145	2,903	13,423	387,925	28.9	384,434
Waterloo.....	1,990	390,040	196	54,606	22,098	638,632	28.9	562,635
Welland.....	80	11,040	138	1,546	1,963	33,567	17.1	30,143
Wellington.....	536	137,216	256	19,210	41,709	1,184,536	28.4	1,054,237
Wentworth.....	196	42,924	219	6,009	6,984	169,711	24.3	164,789
York.....	345	47,955	139	6,714	22,729	690,962	30.4	655,723
The Province:								
1916.....	22,482	6,023,938	268	843,351	485,986	13,297,354	27.4	12,485,065
1915.....	22,890	8,644,281	378	1,080,535	475,738	19,461,609	40.9	10,602,271
19.....	18,534	7,466,819	403	933,352	456,631	16,854,550	36.9	10,074,687
1.....	19,083	6,389,177	335	798,647	414,517	15,113,480	36.5	7,953,111
19.....	21,054	7,819,066	371	977,383	448,402	16,382,161	36.5	8,674,724
19.....	24,664	8,941,659	363	1,117,707	486,112	14,845,595	30.5	9,104,141
19.....	26,879	11,238,577	418	1,348,629	497,936	18,261,803	36.7	9,187,822
1909.....	19,812	7,001,565	353	840,188	474,530	16,199,434	34.1	8,825,196
Average (10 years)								
1907-1916.....	20,970	7,876,687	376	976,881	463,900	15,997,285	34.5	9,316,329



## HAY AND CLOVER—ALL FIELD CROPS.

TABLE XV.—Showing by County Municipalities of Ontario the area, produce, and market value of Hay and Clover, and all field crops enumerated in Tables VII and XV for the year 1916, together with the comparative totals for the Province for 1914 and 1915, and the annual averages for various periods.

Counties and Districts.	Hay and Clover.				All Field Crops.		
	Acres.	Tons.	Per acre.	Market value.	Acres.	Value.	Per acre.
				\$		\$	\$ c.
Algoma.....	20,760	38,437	1.85	434,722	38,548	912,174	23 66
Brant.....	42,468	103,506	2.44	1,100,269	127,879	3,388,685	26 50
Bruce.....	138,329	265,281	1.92	2,416,710	371,811	8,052,153	21 66
Carleton.....	96,245	195,973	2.04	2,042,039	237,853	5,195,693	21 89
Dufferin.....	67,346	139,617	2.07	1,230,026	184,022	3,753,307	20 40
Dundas.....	49,918	90,547	1.81	1,054,873	118,736	2,685,782	22 62
Durham.....	55,010	123,627	2.25	1,268,413	209,753	5,214,336	24 86
Elgin.....	78,890	163,188	2.07	1,827,706	218,873	5,298,746	24 21
Essex.....	70,060	121,898	1.74	1,300,652	261,431	6,432,903	24 61
Frontenac.....	81,525	159,948	1.96	1,589,883	147,375	2,946,163	19 93
Glengarry.....	61,340	122,954	2.00	1,212,326	124,710	2,510,851	20 13
Grenville.....	49,454	90,297	1.83	1,103,429	109,979	2,586,178	23 52
Grey.....	164,685	338,741	2.06	3,228,202	438,652	9,416,489	21 47
Haldimand.....	80,346	193,483	2.41	1,896,133	164,399	3,630,418	22 08
Haliburton.....	12,382	21,089	1.70	236,197	25,986	515,782	19 85
Halton.....	45,990	104,158	2.26	1,141,572	116,214	2,667,492	22 95
Hastings.....	97,816	213,539	2.18	2,152,473	267,179	6,130,207	22 94
Huron.....	145,516	263,762	1.81	2,648,170	413,183	9,477,050	20 52
Kent.....	84,416	170,712	2.02	1,790,769	328,067	9,437,477	28 77
Lambton.....	113,809	226,418	1.99	2,073,234	290,568	6,324,207	21 76
Lanark.....	77,539	163,230	2.11	1,744,929	162,118	3,801,999	23 45
Leeds.....	71,574	148,581	2.08	1,802,288	147,454	3,399,189	23 05
Lennox & Addington ..	69,814	163,886	2.35	1,881,411	144,682	3,570,092	24 68
Lincoln.....	54,163	126,352	2.33	1,477,055	102,975	2,597,067	25 22
Manitoulin.....	19,368	34,723	1.79	338,549	38,257	825,253	21 57
Middlesex.....	126,654	245,665	1.94	2,712,142	350,686	8,055,392	22 97
Muskoka.....	26,932	51,741	1.92	627,101	47,331	1,093,792	23 11
Nipissing.....	20,439	38,850	1.90	424,631	39,918	1,026,104	25 71
Norfolk.....	60,649	122,291	2.02	1,279,164	191,752	4,277,223	22 31
Northumberland.....	68,510	158,968	2.32	1,605,577	229,630	5,353,677	23 31
Ontario.....	69,910	165,627	2.37	1,798,709	278,425	7,216,159	25 92
Oxford.....	85,816	183,791	2.14	2,211,006	265,423	6,357,508	23 95
Parry Sound.....	29,610	55,112	1.86	608,988	59,490	1,414,870	23 78
Peel.....	61,762	140,857	2.28	1,577,598	175,683	4,137,769	23 55
Perth.....	100,099	210,390	2.10	2,335,329	311,859	7,510,605	24 08
Peterborough.....	50,648	106,274	2.10	1,099,936	164,654	3,986,140	24 21
Prescott.....	78,708	151,155	1.92	1,461,669	145,736	2,778,236	19 06
Prince Edward.....	46,452	108,438	2.33	1,045,342	124,208	2,678,622	21 59
Rainy River & Kenora.	19,553	33,479	1.71	407,774	31,702	801,070	25 27
Renfrew.....	92,471	163,179	1.76	1,656,267	243,458	4,994,990	20 52
Russe l.....	53,086	106,248	2.00	1,063,542	104,628	2,182,157	20 86
Simcoe.....	109,862	234,900	2.14	2,581,551	473,152	12,020,653	25 41
Stormont.....	44,952	88,173	1.96	973,430	96,758	2,151,347	22 23
Sudbury.....	23,689	40,253	1.70	430,305	41,490	982,045	23 67
Thunder Bay.....	11,972	24,437	2.04	345,295	24,523	849,977	34 66
Timiskaming.....	9,372	16,937	1.81	224,415	22,056	668,056	30 28
Victoria.....	50,959	113,828	2.23	1,223,651	190,850	4,359,111	22 84
Waterloo.....	56,083	124,016	2.21	1,541,519	199,793	5,075,578	25 40
Welland.....	58,742	121,773	2.07	1,344,374	123,628	2,745,167	22 21
Wellington.....	120,199	255,275	2.12	2,733,995	351,660	8,181,414	23 27
Wentworth.....	95,068	189,231	2.36	1,573,310	142,188	3,601,216	25 33
York.....	87,024	215,212	2.47	2,487,851	327,991	8,480,377	25 86
The Province:							
1916.....	3,471,984	7,200,047	2.07	76,326,501	9,548,876	223,748,948	23 43
1915.....	3,231,752	4,253,763	1.32	61,704,769	9,762,951	210,674,415	21 58
1914.....	3,415,484	5,842,554	1.13	55,917,380	9,621,444	199,152,945	20 70
Averages (10 years)							
1902-1911.....	3,072,288	4,722,662	1.54	47,093,908	9,233,879	156,824,689	16 98
1892-1901.....	2,520,783	3,650,840	1.45	29,085,813	8,494,796	106,139,762	12 49
1882-1891.....	2,290,495	3,102,733	1.35	32,086,445	7,517,606	116,195,708	15 48
Average (35 years)							
1882-1916.....	2,735,746	3,977,257	1.45	39,696,066	8,586,059	136,554,957	15 90

SUMMER FALLOW, PASTURE, ORCHARD, SMALL FRUITS, VINEYARD  
AND GARDEN.

TABLE XVI.—Showing by County Municipalities of Ontario the area of Summer Fallow, Pasture, Orchard, Small Fruits, Vineyard and Garden for the year 1916.

Counties and Districts.	Summer fallow.	Pasture.	Orchard.	Small Fruits.	Vine- yard.	Garden.
	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.
Algoma .....	587	7,322	481	108	.....	420
Brant.....	5,811	28,333	4,162	419	9	810
Bruce.....	16,912	149,095	8,390	457	51	1,497
Carleton.....	5,203	105,036	2,086	173	3	1,318
Dufferin .....	5,696	56,092	2,444	79	24	528
Dundas .....	2,324	44,477	2,445	102	20	693
Durham.....	5,160	61,218	10,794	321	27	994
Elgin.....	6,454	95,992	9,115	728	39	1,740
Essex.....	5,057	53,231	7,190	1,398	362	2,619
Frontenac .....	2,225	84,333	2,280	200	10	1,214
Glengarry.....	1,053	47,618	1,458	76	7	552
Grenville .....	1,186	60,900	1,830	87	.....	651
Grey.....	13,698	168,360	12,059	332	93	1,645
Haldimand .....	12,782	36,047	5,143	413	68	938
Haliburton.....	273	14,108	221	21	3	286
Halton.....	5,428	29,842	7,593	1,503	162	710
Hastings .....	8,537	123,157	9,520	453	83	1,842
Huron.....	10,914	179,266	13,184	363	66	1,711
Kent.....	8,864	92,182	7,223	780	60	2,016
Lambton .....	12,507	148,979	13,127	734	75	1,849
Lanark .....	2,645	121,074	1,528	47	.....	720
Leeds.....	3,528	94,737	2,138	143	16	1,019
Lennox and Addington.....	8,549	73,745	4,458	409	41	1,159
Lincoln .....	6,470	21,197	15,211	2,526	4,767	1,284
Manitoulin.....	207	8,193	306	25	5	220
Middlesex.....	11,674	246,723	12,239	774	50	2,732
Muskoka .....	668	16,406	261	49	5	626
Nipissing .....	350	11,732	41	32	5	410
Norfolk .....	10,389	43,545	8,927	2,044	36	1,610
Northumberland .....	6,410	70,918	19,685	529	48	1,376
Ontario .....	6,716	68,696	7,081	490	63	1,399
Oxford .....	7,593	91,493	8,459	577	62	1,597
Parry Sound .....	983	19,511	178	34	6	530
Peel .....	7,943	56,382	5,408	624	60	844
Perth .....	12,269	102,557	6,296	302	44	1,283
Peterborough .....	6,640	65,336	2,819	179	2	1,118
Prescott.....	3,422	48,981	1,070	133	29	895
Prince Edward.....	4,318	43,504	10,133	605	20	800
Rainy River and Kenora .....	644	6,675	9	18	.....	321
Renfrew .....	3,150	89,441	1,212	133	25	1,420
Russell .....	232	34,309	661	83	7	590
Simcoe .....	32,562	116,169	9,650	514	41	2,768
Stormont .....	657	44,692	1,617	50	.....	487
Sudbury.....	1,610	8,571	17	32	.....	396
Thunder Bay .....	451	4,622	11	41	.....	391
Timiskaming .....	415	4,166	23	10	.....	302
Victoria .....	5,309	61,781	2,754	126	37	868
Waterloo .....	8,050	32,282	4,321	221	29	708
Welland .....	11,322	29,256	7,684	790	883	1,212
Wellington .....	11,930	92,788	6,028	294	50	1,152
Wentworth .....	8,102	32,360	10,877	1,592	2,282	1,239
York.....	15,857	62,151	8,806	644	32	1,598
The Province:						
1916 .....	331,736	3,409,581	280,653	22,817	9,807	57,107
1915 .....	226,217	3,350,420	288,825	23,443	10,276	57,774
1914 .....	268,714	3,302,503	298,627	23,863	10,850	58,167
1913 .....	268,487	3,120,146	306,764	24,360	11,136	55,029
1912 .....	278,317	3,082,671	310,096	24,699	11,634	56,716
1911 .....	279,220	3,116,768	303,188	25,360	11,586	58,748
1910 .....	254,038	3,159,712	298,347	24,384	11,390	57,982
1909 .....	231,707	3,180,780	300,364	24,614	11,420	57,123



## RATIOS OF AREAS UNDER CROP.

TABLE XVII.—Showing by County Municipalities of Ontario the number of acres under the various crops in 1916 per 1,000 acres of cleared land; together with the comparative average for the Province for 1914 and 1915, and the annual averages for various periods.

Counties and Districts.	Fall Wheat.	Spring Wheat.	Barley.	Oats.	Peas.	Beans.	Rye.	Buck-wheat.	Corn.	Potatoes.	*Other roots.	Hay and Clover.	Mixed Grains.
Algoma .....	8.4	16.4	31.7	219.3	17.3	0.4	1.5	3.9	5.5	24.9	9.9	414.0	15.5
Brant .....	124.9	0.1	34.9	150.4	1.6	4.6	22.2	13.8	58.0	12.8	22.8	235.9	28.5
Bruce .....	54.3	5.8	39.3	195.5	9.8	0.4	3.0	7.9	23.8	7.1	10.5	235.7	40.4
Carleton .....	0.9	17.8	25.6	211.2	2.9	1.8	1.9	14.9	48.4	11.9	6.9	259.6	36.4
Dufferin .....	12.0	11.2	58.8	226.8	5.5	0.1	15.4	16.4	8.0	9.8	10.9	244.0	47.9
Dundas .....	2.4	7.1	27.7	168.7	1.8	1.7	3.9	30.3	67.8	9.1	2.1	278.8	61.9
Durham .....	32.7	24.0	35.8	182.7	19.7	2.2	42.3	20.7	39.8	9.3	17.2	177.8	73.6
Elgin .....	77.8	0.2	16.1	132.4	1.6	13.4	2.8	12.7	97.0	7.9	1.8	217.9	23.0
Essex .....	59.0	0.8	21.2	190.5	0.0	2.8	1.9	6.9	229.6	8.9	5.7	195.5	6.6
Frontenac .....	4.7	6.5	17.2	148.8	0.9	1.1	5.9	15.2	26.8	11.0	2.6	312.7	11.9
Glengarry .....	.....	18.7	17.6	199.8	2.0	1.0	.....	13.5	34.7	11.0	3.9	313.6	21.8
Grenville .....	0.5	4.7	8.3	175.8	0.4	1.9	6.6	27.5	48.2	12.9	3.0	264.4	33.7
Grey .....	28.5	7.1	45.6	221.3	8.0	0.2	0.9	9.6	23.0	7.4	9.8	237.4	33.5
Haldimand .....	113.9	1.4	23.5	139.5	2.5	1.0	1.2	12.4	25.6	5.0	1.4	331.8	19.7
Haliburton .....	.....	5.8	17.6	213.3	4.9	.....	8.7	14.0	7.4	13.3	6.8	270.1	4.9
Halton .....	86.8	5.5	42.8	168.6	4.6	0.9	1.7	7.7	30.0	6.7	12.6	266.7	39.4
Hastings .....	29.5	6.5	36.0	185.6	3.9	0.9	24.6	24.3	38.0	10.5	4.6	218.4	13.8
Huron .....	42.8	2.2	44.3	202.0	5.5	0.9	2.2	13.0	27.5	4.9	13.3	218.7	35.5
Kent .....	115.0	0.3	25.9	132.6	1.2	48.3	2.1	6.1	140.8	6.4	20.9	177.6	13.2
Lambton .....	65.5	0.5	27.8	144.5	1.0	2.2	0.6	2.4	74.2	5.1	5.5	224.7	19.8
Lanark .....	1.9	17.9	15.8	134.4	3.3	0.9	6.4	14.3	32.4	5.9	4.1	232.8	16.6
Leeds .....	5.2	6.4	12.9	154.7	1.5	1.2	6.8	17.3	37.4	8.8	4.9	263.4	22.3
Lennox & Addington .....	15.6	7.2	32.2	133.9	5.8	1.3	11.8	26.9	26.0	10.0	2.8	276.3	22.7
Lincoln .....	95.7	0.6	10.1	120.7	0.7	1.7	2.5	6.1	37.2	7.7	3.4	332.5	13.3
Manitoulin .....	8.0	45.4	50.2	164.3	28.4	0.8	6.6	3.3	18.5	12.7	10.9	403.3	44.2
Middlesex .....	63.9	0.3	23.5	148.6	1.0	2.1	2.0	2.4	59.6	9.5	5.3	191.1	19.8
Muskoka .....	0.5	3.5	10.2	217.4	9.6	0.3	4.7	4.5	11.0	17.9	9.9	591.3	6.9
Nipissing .....	0.2	17.8	16.3	223.8	18.3	0.3	2.0	4.0	3.8	19.4	8.7	358.3	26.8
Norfolk .....	110.1	.....	16.0	135.4	4.5	6.3	38.3	37.1	83.0	11.4	5.1	215.2	18.0
Northumberland .....	45.3	17.7	26.7	173.6	8.0	2.7	47.1	43.8	41.4	11.3	14.4	196.2	29.3
Ontario .....	30.4	16.0	57.9	219.2	9.2	0.7	24.0	27.3	42.0	10.4	30.1	184.0	81.7
Oxford .....	67.8	0.3	25.6	177.4	0.6	0.5	3.8	13.0	87.7	6.0	17.7	214.5	48.5
Perry Sound .....	0.2	11.3	16.9	259.8	20.7	.....	2.7	1.3	4.3	16.3	11.2	356.3	14.8
Peel .....	58.0	8.2	70.5	191.4	7.4	0.1	15.2	9.2	23.4	8.4	6.7	235.3	35.5
Perth .....	56.8	1.1	58.8	223.5	2.2	0.2	0.1	7.7	39.4	6.0	16.8	220.1	53.0
Peterborough .....	47.6	17.7	32.0	202.5	20.5	0.8	21.2	24.1	31.4	9.9	12.8	193.4	14.8
Prescott .....	0.4	15.3	25.1	211.1	3.1	1.8	1.0	7.9	37.8	10.7	2.7	379.3	6.2
Prince Edward .....	35.5	6.6	42.5	128.5	18.0	8.8	33.7	44.4	48.6	8.8	1.8	233.7	14.1
Rainy R'r & Kenora .....	0.8	44.6	33.7	172.6	2.3	0.0	3.5	0.2	1.5	20.8	5.7	472.3	7.7
Renfrew .....	6.2	90.0	16.2	184.7	28.4	1.1	27.0	7.0	23.5	10.3	3.5	253.1	15.3
Russell .....	1.4	16.4	22.3	201.5	5.7	2.4	0.5	9.8	42.0	9.1	4.8	346.4	20.5
Simcoe .....	95.3	9.2	79.6	208.2	10.9	0.8	23.2	26.4	24.7	13.7	14.0	161.8	29.0
Stormont .....	0.6	9.2	21.1	176.1	1.1	1.5	0.6	17.0	54.6	10.5	2.2	286.2	35.4
Sudbury .....	2.1	18.6	23.7	197.4	16.8	0.3	0.9	2.3	2.8	22.2	12.2	420.4	16.6
Thunder Bay .....	2.6	20.9	33.8	215.3	5.4	0.5	3.3	0.9	2.6	41.9	16.0	340.7	13.9
Timiskaming .....	1.6	43.4	31.7	251.3	36.0	1.2	.....	0.5	0.1	24.8	11.8	310.3	17.6
Victoria .....	20.8	23.4	63.8	224.0	20.8	0.6	9.3	23.1	33.4	6.8	15.3	177.8	46.8
Waterloo .....	108.2	0.3	39.8	209.9	3.3	0.1	13.4	13.3	47.1	10.8	33.8	221.4	87.2
Welland .....	113.2	0.1	5.2	112.3	0.3	14.4	0.9	19.0	58.2	12.4	1.6	315.2	10.5
Wellington .....	21.2	5.7	50.5	216.2	7.2	0.3	3.0	18.4	20.1	10.0	24.9	239.2	83.0
Wentworth .....	94.7	0.7	27.3	152.2	1.5	0.9	2.6	10.8	37.3	15.0	15.3	278.0	32.9
York .....	68.5	17.4	68.0	226.3	8.4	1.0	13.5	27.8	36.0	13.4	18.0	198.8	51.9
The Province:													
1916 .....	47.9	9.8	35.9	183.0	6.5	3.7	10.1	15.6	47.5	9.5	10.8	236.2	33.1
1915 .....	55.5	11.1	37.8	196.4	8.7	4.3	11.9	13.2	51.5	11.9	11.9	221.0	32.5
1914 .....	47.0	8.1	39.7	190.2	12.2	3.5	9.5	12.1	48.6	11.5	11.5	234.0	31.3
Average (10 yrs) .....													
1902-1911 .....	51.3	13.0	50.7	192.8	27.7	3.6	8.0	9.4	40.1	10.9	15.8	219.0	33.1
1892-1901 .....	73.2	28.0	39.2	180.2	60.5	4.1	10.1	10.3	35.5	12.9	15.6	198.2	.....
1882-1891 .....	81.6	50.9	67.2	150.4	60.5	2.4	9.4	6.2	17.7	14.0	12.2	207.1	.....
Average (35 years) .....													
1882-1916 .....	64.6	25.9	49.8	177.9	42.3	3.5	9.2	9.6	34.6	12.2	15.1	212.3	34.5

\*Including Sugar Beets.

† Average for 5 years.

‡ Average for 10 years.



## MARKET PRICES.

TABLE XVIII.—The following table shows by counties the average prices of agricultural products for 1916, together with the average price for 1914 and 1915, and the annual averages for various periods.

Counties and Districts.	Fall Wheat, per bush.	Spring Wheat, per bush.	Barley, per bush.	Oats, per bush.	Peas, per bush.	Beans, per bush.	Rye, per bush.	Buckwheat, per bush.	Corn (in ear) per bush.	Hay, per ton.	Potatoes, per bush.
	cts.	cts.	cts.	cts.	cts.	\$ c.	cts.	cts.	cts.	\$ c.	cts.
Algoma.....	164.3	167.1	90.0	70.7	192.6	4 80	105.0	96.7	84.5	11 31	129.1
Brant.....	160.8	163.3	102.2	65.6	195.8	5 17	118.0	111.7	72.3	10 63	147.9
Bruce.....	162.9	158.0	102.1	64.6	218.0	4 92	112.4	107.7	73.3	9 11	131.3
Carleton.....	167.2	167.7	103.5	71.5	217.6	5 30	102.5	107.5	88.6	10 42	125.5
Dufferin.....	160.0	159.6	104.2	60.3	205.4	4 00	124.6	110.0	79.5	8 81	125.3
Dundas.....	160.0	165.4	100.8	75.5	176.1	5 16	122.6	102.4	96.0	11 65	126.4
Durham.....	167.6	160.8	109.4	63.4	210.2	5 08	125.6	116.1	75.8	10 26	140.9
Elgin.....	155.1	152.5	94.0	70.9	230.0	5 38	110.7	106.1	76.8	11 20	141.6
Essex.....	152.0	157.0	91.0	66.1	266.0	5 59	103.1	104.3	71.5	10 67	140.3
Frontenac.....	165.5	167.7	104.3	69.7	185.6	5 40	124.3	112.2	84.2	9 94	152.5
Glengarry.....	.....	161.3	102.9	74.2	203.1	5 11	.....	100.0	77.0	9 86	115.4
Grenville.....	166.7	171.1	109.2	72.5	206.2	5 38	126.0	107.5	98.7	12 22	121.9
Grey.....	166.3	161.8	99.7	62.5	217.6	4 78	90.0	98.7	78.0	9 53	129.3
Haldimand.....	158.0	164.3	97.3	68.6	207.1	5 12	114.2	112.2	76.3	9 80	147.8
Haliburton.....	.....	162.7	103.5	68.2	195.6	.....	115.4	112.2	76.7	11 20	118.7
Halton.....	168.2	166.3	114.0	68.0	220.0	5 50	123.0	115.0	75.0	10 96	151.7
Hastings.....	160.3	164.9	103.3	68.9	191.0	5 17	115.0	106.7	88.6	10 08	143.2
Huron.....	163.5	165.0	97.5	64.4	209.3	5 69	118.3	105.0	83.0	10 04	135.2
Kent.....	156.4	150.0	92.2	65.7	220.0	5 46	108.9	98.8	72.9	10 49	139.8
Lambton.....	159.0	155.0	96.8	68.0	150.0	5 11	95.0	90.8	68.6	8 98	138.3
Lanark.....	160.3	163.5	97.9	69.0	197.3	4 83	109.7	96.5	85.1	10 69	128.4
Leeds.....	156.4	158.5	103.4	70.1	195.8	5 29	116.6	105.9	85.2	12 13	138.1
Lennox & Addington.....	161.0	164.3	102.2	69.9	204.0	5 72	120.7	115.6	85.6	11 48	144.6
Lincoln.....	162.3	164.2	95.9	66.6	173.5	5 21	109.4	119.0	80.7	11 69	146.3
Manitoulin.....	160.0	159.1	95.6	67.0	208.2	5 50	101.6	90.0	80.0	9 75	125.3
Middlesex.....	156.0	153.3	93.9	67.7	168.8	5 43	109.4	112.0	79.4	11 04	138.3
Muskoka.....	165.0	167.6	104.2	72.2	210.9	5 00	120.0	117.5	92.2	12 12	133.9
Nipissing.....	150.0	163.0	103.7	64.1	206.7	4 82	104.4	110.2	90.0	10 93	115.8
Norfolk.....	160.2	.....	98.3	66.6	214.2	5 27	122.6	121.3	70.4	10 46	132.4
Northumberland.....	167.7	162.7	106.9	65.6	204.3	5 33	124.2	115.5	78.7	10 10	147.4
Ontario.....	166.0	163.3	107.6	61.6	207.4	5 39	122.5	115.6	74.6	10 86	132.2
Oxford.....	156.7	156.7	96.7	66.2	198.5	5 10	117.2	107.8	71.1	12 03	137.0
Parry Sound.....	163.0	160.3	107.4	71.1	202.0	5 00	118.8	103.3	89.3	10 05	124.4
Peel.....	168.1	163.0	108.6	64.3	211.8	5 50	116.8	112.3	88.7	11 20	131.8
Perth.....	163.3	163.7	99.5	66.0	192.8	4 86	90.0	100.0	69.7	11 10	142.4
Peterborough.....	167.8	166.3	103.3	61.4	217.7	5 31	119.8	115.8	90.0	12 35	140.3
Prescott.....	162.5	175.5	102.4	73.5	258.8	5 33	110.0	122.0	91.0	9 67	126.8
Prince Edward.....	152.9	147.3	103.6	68.4	182.7	5 88	119.1	117.1	83.5	9 64	142.9
Rainy R. & Kenora.....	158.8	161.8	87.9	67.6	213.8	5 00	115.0	100.0	75.0	12 18	96.7
Renfrew.....	164.4	162.5	90.2	63.8	218.7	4 64	111.5	88.5	100.0	10 15	113.0
Russell.....	160.0	164.6	101.8	69.1	238.2	5 10	99.0	106.3	95.2	10 01	121.2
Simcoe.....	163.4	159.8	102.9	62.0	216.4	5 11	120.2	105.7	76.7	10 99	126.5
Stormont.....	156.0	155.0	93.9	67.7	166.3	5 43	109.4	112.0	83.4	11 04	138.3
Sudbury.....	163.3	157.8	107.4	71.0	223.6	4 40	110.0	118.4	90.0	10 69	123.3
Thunder Bay.....	160.0	170.0	91.6	64.6	206.0	5 00	100.0	100.0	75.0	14 13	97.8
Timiskaming.....	154.4	151.5	95.2	69.2	201.9	4 50	.....	100.0	.....	13 25	109.7
Victoria.....	164.1	155.3	105.6	61.1	217.4	5 44	114.4	110.4	86.7	10 75	141.9
Waterloo.....	159.7	158.3	98.9	64.6	183.2	4 50	109.2	103.4	74.7	12 43	142.9
Welland.....	163.2	160.0	97.0	64.0	156.2	6 06	111.2	115.9	78.5	11 04	149.3
Wellington.....	163.5	158.9	104.1	69.0	212.3	5 38	114.5	106.7	76.7	10 71	138.9
Wentworth.....	163.5	156.0	103.0	65.9	176.7	5 71	110.6	106.8	74.3	11 30	143.7
York.....	166.7	163.2	106.8	65.7	210.5	5 45	118.1	111.4	74.9	11 56	138.9
The Province:											
1916.....	161.3	162.2	101.9	66.0	210.5	5 46	118.8	109.0	74.3	10 60	130.1
1915.....	97.1	98.6	56.0	39.5	161.6	3 11	78.9	71.5	45.4	14 51	81.4
1914.....	109.1	107.9	64.3	49.5	136.6	2 14	84.9	71.5	45.7	14 55	44.0
Averages (10 years)											
1902-1911.....	83.6	81.2	50.1	36.7	74.8	1 48	60.2	52.4	38.2	9 97	51.4
1892-1901.....	67.8	67.5	38.5	27.9	53.5	93	44.9	38.7	25.0	7 97	33.6
1882-1891.....	90.0	89.6	54.5	34.3	61.6	1 16	60.0	41.5	.....	10.34	45.0
Average (35 years)											
1882-1916.....	83.9	83.0	51.1	35.5	63.4	1 43	59.6	51.4	*34.7	9 38	46.4

\* Average for 25 years, 1892-1916.

## HORSES AND

TABLE XIX.—Showing by County Municipalities the number and value of Horses and Cattle June 30th, 1916, together with the totals

Counties and Districts.	Horses all ages.				Cattle.	
	Number on hand.	Value.	Horses sold.		Milch cows on Hand.	
			Number.	Value.	Number.	Value.
		\$		\$		\$
Algoma .....	3,093	445,392	270	35,640	4,131	268,763
Brant .....	10,053	1,337,049	710	98,690	13,877	1,049,379
Bruce .....	29,203	3,650,375	3,862	529,094	29,516	2,012,991
Carleton .....	18,369	2,626,767	1,661	245,828	34,208	2,150,999
Dufferin .....	13,217	1,652,125	1,705	223,355	13,803	921,764
Dundas .....	9,745	1,218,125	770	97,790	25,944	1,605,415
Durham .....	16,195	2,105,350	1,520	214,320	16,266	1,043,789
Elgin .....	19,700	2,620,100	2,161	302,540	28,021	2,067,670
Essex .....	25,061	3,408,296	2,384	338,528	18,925	1,246,022
Frontenac .....	11,068	1,317,092	878	103,604	24,156	1,452,022
Glengarry .....	10,035	1,274,445	942	129,054	22,934	1,446,218
Grenville .....	7,821	1,001,088	696	88,392	18,311	1,142,606
Grey .....	33,300	4,262,400	3,632	468,528	36,112	2,439,727
Haldimand .....	13,619	1,797,708	1,349	192,907	14,921	1,042,829
Haliburton .....	1,834	238,420	154	19,250	2,887	164,963
Halton .....	9,095	1,200,540	672	86,688	11,140	831,044
Hastings .....	19,168	2,491,840	1,641	211,689	37,328	2,138,894
Huron .....	35,056	4,627,392	5,075	735,875	34,815	2,447,146
Kent .....	29,356	3,816,280	2,651	357,885	22,896	1,568,834
Lambton .....	26,868	3,385,368	3,170	443,800	29,448	2,110,244
Lanark .....	11,978	1,605,052	1,272	169,176	22,960	1,876,682
Leeds .....	11,231	1,415,106	654	77,826	32,360	1,953,573
Lennox & Addington.....	11,445	1,316,175	740	93,240	20,176	1,168,594
Lincoln .....	10,007	1,320,924	714	89,250	9,172	668,180
Manitoulin .....	2,868	344,160	351	47,385	3,969	260,128
Middlesex .....	36,763	4,815,953	4,858	699,552	46,641	3,373,544
Muskoka .....	3,463	505,598	286	37,466	5,418	330,823
Nipissing .....	2,391	365,823	272	36,176	4,461	256,998
Norfolk .....	16,452	2,122,308	1,359	173,952	19,117	1,332,264
Northumberland .....	19,043	2,323,246	1,716	207,636	24,367	1,625,279
Ontario .....	23,005	3,082,670	2,434	348,062	24,176	1,767,266
Oxford .....	23,084	3,070,172	2,106	294,840	47,393	3,289,074
Parry Sound.....	4,051	571,191	322	39,284	5,766	357,261
Peel .....	14,111	1,904,985	1,627	237,542	17,818	1,223,740
Perth .....	27,098	3,576,926	3,230	465,120	35,639	2,636,930
Peterborough .....	13,392	1,674,000	1,255	159,385	19,088	1,126,192
Prescott .....	8,729	1,169,686	809	109,215	21,112	1,232,941
Prince Edward.....	9,912	1,159,704	680	89,080	14,011	828,751
Rainy River & Kenora...	2,327	393,263	212	35,404	2,234	156,670
Renfrew .....	16,054	2,327,830	1,409	185,988	24,955	1,310,637
Russell .....	7,859	1,021,670	841	111,853	17,023	992,441
Simcoe .....	37,865	5,036,045	3,480	476,760	37,973	2,455,714
Stormont .....	8,130	1,016,250	704	92,928	22,616	1,349,044
Sudbury .....	2,241	345,114	249	34,362	3,801	218,063
Thunder Bay .....	1,822	302,452	87	10,440	2,576	202,551
Timiskaming .....	1,529	256,872	153	21,879	1,529	115,103
Victoria .....	14,885	1,905,280	1,394	193,766	17,069	1,092,416
Waterloo .....	14,272	1,784,000	1,763	223,901	17,660	1,279,997
Welland .....	10,388	1,360,828	682	91,388	11,662	807,429
Wellington .....	27,221	3,429,846	2,868	392,916	27,735	2,123,114
Wentworth .....	13,315	1,797,525	1,020	123,420	14,672	1,055,504
York .....	26,945	3,637,575	2,669	392,343	30,260	2,219,571
The Province:						
1916 .....	775,732	101,434,391	78,119	10,684,992	1,045,029	69,337,793
1915 .....	779,131	107,982,037	75,527	11,003,822	1,022,518	62,196,964
1914 .....	774,544	112,576,793	80,872	12,480,960	1,006,708	57,396,788
1913 .....	751,726	113,240,047	96,841	15,507,939	1,032,039	52,176,881
1912 .....	742,139	109,000,214	101,911	15,793,129	1,044,177	49,929,061

## CATTLE.

on hand July 1, 1916, and the number and value of those sold or slaughtered in the year ending for the Province for the past five years.

Cattle.						Counties and Districts.
Other cattle on hand.		Total on hand.		Sold or slaughtered.		
Number.	Value.	Number.	Value	Number.	Value.	
	\$		\$		\$	
6,532	186,685	10,663	455,448	2,934	125,399	Algoma.
18,835	697,837	32,712	1,747,216	10,683	613,204	Brant.
75,516	2,837,891	105,032	4,850,882	36,324	2,406,465	Bruce.
47,135	1,713,357	81,343	3,864,356	24,520	1,156,118	Carleton.
33,123	1,284,510	46,926	2,206,274	14,357	881,663	Dufferin.
18,721	498,540	44,665	2,103,955	8,961	367,043	Dundas.
33,600	1,180,704	49,866	2,224,493	16,065	896,748	Durham.
42,710	1,785,278	70,731	3,852,948	28,210	1,670,032	Elgin.
26,519	865,315	45,444	2,111,337	15,273	706,376	Essex.
23,122	676,319	47,258	2,128,341	13,896	588,774	Frontenac.
18,110	510,340	41,044	1,956,558	9,130	352,327	Glengarry.
17,883	506,804	36,194	1,649,410	9,024	342,822	Grenville.
83,467	3,211,810	119,579	5,651,537	39,863	2,407,725	Grey.
23,983	852,835	38,904	1,895,664	14,449	737,332	Haldimand.
5,453	150,176	8,340	315,139	2,091	78,162	Haliburton.
20,984	847,544	32,124	1,678,588	10,513	630,570	Halton.
46,173	1,093,377	83,501	3,232,271	24,161	807,944	Hastings.
89,282	3,651,634	124,097	6,098,780	42,293	2,733,820	Huron.
53,812	2,175,081	76,708	3,743,915	28,101	1,675,944	Kent.
71,865	2,970,899	101,313	5,081,143	35,356	2,173,687	Lambton.
44,032	1,278,689	66,992	2,655,371	19,292	865,053	Lanark.
28,250	754,275	60,610	2,707,848	14,460	596,186	Leeds.
26,935	712,700	47,111	1,881,294	13,265	496,376	Lennox & Addington.
11,110	382,851	20,282	1,051,031	6,816	323,964	Lincoln.
8,903	247,236	12,872	507,364	3,882	202,252	Manitoulin.
95,410	3,901,315	142,051	7,274,859	54,316	3,136,749	Middlesex.
8,806	237,762	14,224	568,585	4,639	179,019	Muskoka.
7,339	181,127	11,800	438,125	3,406	127,453	Nipissing.
23,762	692,662	42,879	2,024,926	14,488	588,358	Norfolk.
35,682	1,060,469	60,049	2,685,748	19,176	835,690	Northumberland.
51,968	1,937,367	76,144	3,704,633	23,787	1,471,226	Ontario.
44,179	1,679,686	91,572	4,968,760	27,694	1,512,092	Oxford.
12,394	361,657	18,160	718,918	5,228	217,328	Parry Sound.
28,901	1,193,900	46,719	2,417,640	16,737	1,017,610	Peel.
65,619	2,427,903	101,258	5,064,833	32,054	1,902,084	Perth.
31,881	906,696	50,969	2,032,888	14,112	641,390	Peterborough.
18,945	445,776	40,057	1,678,717	8,663	294,455	Prescott.
14,381	400,079	28,392	1,228,830	8,343	306,021	Prince Edward.
4,112	122,209	6,346	278,879	1,973	85,747	Rainy River & Kenora.
48,757	1,283,772	73,712	2,594,409	21,549	938,459	Renfrew.
16,907	467,648	33,930	1,460,089	9,070	344,660	Russell.
78,725	2,583,755	116,698	5,039,469	36,871	2,083,212	Simcoe.
15,077	413,110	37,693	1,762,154	7,326	267,326	Stromont.
5,793	147,432	9,594	365,495	3,270	122,756	Sudbury.
3,837	101,182	6,413	303,733	1,950	67,899	Thunder Bay.
1,937	54,100	3,466	169,203	1,344	59,485	Timiskaming.
37,901	1,260,587	54,970	2,353,003	17,287	885,786	Victoria.
28,619	1,060,048	46,279	2,340,045	21,995	1,368,309	Waterloo.
15,275	501,631	26,938	1,309,060	8,900	424,174	Welland.
61,688	2,292,326	89,423	4,415,440	34,482	2,217,882	Wellington.
20,486	766,586	35,158	1,822,090	12,773	651,678	Wentworth.
35,302	1,433,261	65,562	3,652,832	23,188	1,404,729	York.
						The Province:
1,689,738	58,986,733	2,734,767	128,324,526	878,540	46,987,563	1916.
1,652,228	53,166,372	2,674,746	115,363,336	875,394	43,678,233	1915.
1,597,925	49,238,360	2,604,628	106,635,148	911,794	42,978,531	1914.
1,596,806	43,582,141	2,628,845	95,759,022	880,303	38,751,801	1913.
1,580,603	40,474,841	2,624,780	90,403,902	849,140	36,269,271	1912.



## SHEEP, SWINE

TABLE XX.—Showing by County Municipalities the number and value of Sheep, Swine and year ending June 30, 1916, together with the

Counties and Districts.	Sheep and Lambs.				Swine.	
	Number on hand.	Value.	Sold or slaughtered.		Number on hand.	Value.
			Number.	Value.		
Algoma .....	8,145	\$ 55,386	3,425	\$ 20,961	4,041	\$ 41,420
Brant .....	11,084	93,881	6,114	47,811	23,906	265,357
Bruce .....	38,597	333,092	21,331	156,996	55,155	616,081
Carleton .....	27,832	210,410	14,309	105,887	27,433	299,294
Dufferin .....	25,901	214,201	12,380	94,088	32,906	348,475
Dundas .....	5,227	38,209	2,917	20,390	25,568	283,038
Durham .....	23,646	205,247	11,750	98,935	31,228	325,396
Elgin .....	20,094	169,593	12,182	99,161	57,377	620,819
Essex .....	19,441	148,140	9,579	64,658	126,385	1,252,475
Frontenac .....	16,302	123,895	9,957	67,309	17,616	197,828
Glengarry .....	5,822	40,754	3,382	21,510	14,844	175,159
Grenville .....	9,400	70,688	6,749	45,421	15,924	181,534
Grey .....	61,408	525,652	34,289	265,397	60,905	643,766
Haldimand .....	16,994	142,750	9,179	71,596	25,042	269,953
Haliburton .....	6,035	40,797	2,590	14,608	2,400	25,440
Halton .....	9,788	87,603	5,160	44,273	19,138	212,623
Hastings .....	29,529	209,656	15,067	92,662	43,397	492,122
Huron .....	26,598	231,403	13,712	111,341	73,433	743,142
Kent .....	22,584	190,609	11,888	93,440	120,662	1,215,066
Lambton .....	27,018	229,113	15,239	126,484	67,288	728,056
Lanark .....	34,248	266,107	17,298	126,275	20,585	208,938
Leeds .....	14,798	107,877	7,167	50,169	26,401	272,194
Lennox and Addington .....	13,073	83,667	6,730	42,063	19,931	222,231
Lincoln .....	6,158	59,425	3,753	28,072	14,110	171,013
Manitoulin .....	20,240	138,846	8,740	52,964	4,329	47,576
Middlesex .....	23,119	214,544	13,477	113,881	64,166	709,676
Muskoka .....	10,448	72,614	5,382	34,337	3,016	35,951
Nipissing .....	6,493	44,282	3,470	20,161	4,734	47,861
Norfolk .....	13,820	109,316	7,535	56,513	34,864	370,256
Northumberland .....	15,201	129,513	7,350	55,199	33,162	374,731
Ontario .....	31,396	299,832	15,330	127,239	54,781	627,242
Oxford .....	9,149	83,256	4,774	40,722	57,137	655,933
Parry Sound .....	16,154	117,117	7,765	48,920	5,739	56,931
Peel .....	13,531	123,809	6,458	52,956	26,647	284,856
Perth .....	13,675	127,178	7,565	64,832	73,669	836,143
Peterborough .....	15,520	114,072	6,896	46,893	20,384	232,378
Prescott .....	5,166	36,162	4,372	28,811	15,252	183,024
Prince Edward .....	8,794	69,824	4,892	32,776	15,191	168,012
Rainy River and Kenora .....	1,848	14,710	908	6,719	2,911	31,643
Renfrew .....	52,360	329,868	23,971	158,209	24,028	261,905
Russell .....	3,276	24,177	1,907	13,463	15,313	166,299
Simcoe .....	53,809	440,158	27,874	219,926	83,842	845,127
Stormont .....	3,770	29,632	2,571	17,740	18,905	194,154
Sudbury .....	4,491	31,347	2,019	12,538	4,116	46,717
Thunder Bay .....	1,237	9,760	481	3,045	3,339	35,994
Timiskaming .....	1,024	7,782	311	2,224	1,505	20,603
Victoria .....	23,090	184,720	11,221	84,606	32,004	348,204
Waterloo .....	6,063	54,506	3,136	27,189	44,789	478,347
Welland .....	7,094	52,354	4,150	26,145	12,912	150,554
Wellington .....	37,151	367,795	18,963	174,270	70,397	851,100
Wentworth .....	11,354	101,732	6,521	54,972	24,195	285,501
York .....	19,071	179,649	11,220	101,765	58,252	632,617
The Province:						
1916 .....	908,066	7,386,710	475,406	3,588,522	1,735,254	18,790,755
1915 .....	908,095	6,403,907	489,320	3,289,701	1,769,295	17,562,726
1914 .....	922,375	6,155,451	512,066	3,219,409	1,770,533	17,951,258
1913 .....	996,155	6,242,672	534,311	3,163,752	1,618,734	15,393,192
1912 .....	1,021,848	6,181,595	531,957	3,054,930	1,702,652	14,141,908

## AND POULTRY.

Poultry on hand on July 1, 1916, and the number and value of those sold or slaughtered in the totals for the Province for the past five years.

Swine.		Poultry of all classes.				Counties and Districts.
Sold or slaughtered.		Number on hand.	Value.	Sold or slaughtered.		
Number.	Value.			Number.	Value.	
\$			\$		\$	
5,252	65,965	63,635	37,764	33,352	21,679	Algoma.
32,850	529,542	158,564	86,073	78,802	51,221	Brant.
77,832	1,249,982	506,661	260,101	224,153	134,492	Bruce.
35,017	551,518	349,796	218,158	194,529	136,170	Carleton.
34,676	579,783	196,463	106,801	88,704	55,884	Dufferin.
28,696	426,136	243,870	137,674	104,475	67,909	Dundas.
40,564	678,230	285,838	156,572	125,116	77,572	Durham.
74,033	1,180,086	433,247	233,646	204,463	122,678	Elgin.
118,754	1,884,626	691,809	359,822	299,080	167,485	Essex.
21,590	333,134	185,172	116,874	113,588	72,696	Frontenac.
16,392	276,533	180,335	104,204	90,559	56,147	Glengarry.
18,067	282,207	175,397	100,212	89,018	59,191	Grenville.
80,294	1,289,522	538,627	273,366	243,901	146,341	Grey.
33,394	525,622	252,252	138,791	128,320	78,275	Haldimand.
2,732	41,554	28,864	14,961	12,676	7,606	Haliburton.
26,090	419,527	160,237	103,089	93,389	65,372	Halton.
52,950	828,668	353,859	187,410	162,292	97,375	Hastings.
100,272	1,614,379	687,139	356,834	278,076	166,846	Huron.
116,384	1,870,291	679,991	329,354	288,784	158,831	Kent.
78,937	1,302,461	594,804	298,306	263,137	157,882	Lambton.
26,320	401,906	207,807	113,970	93,476	59,825	Lanark.
28,734	444,515	203,341	111,019	98,157	58,894	Leeds.
24,780	395,737	206,141	117,297	98,910	60,335	Lennox & Addington.
20,594	333,829	177,052	102,075	109,290	72,131	Lincoln.
5,598	80,779	43,828	23,783	23,841	14,543	Manitoulin.
80,704	1,288,843	775,893	440,232	341,998	212,039	Middlesex.
5,695	77,053	67,763	36,242	36,845	21,002	Muskoka.
4,452	68,561	45,192	24,156	22,774	14,120	Nipissing.
45,904	714,725	329,655	174,447	155,514	87,088	Norfolk.
46,622	714,249	342,628	195,782	148,592	89,155	Northumberland.
62,942	1,029,102	367,242	233,058	183,313	128,319	Ontario.
75,087	1,211,904	404,770	219,813	169,322	103,286	Oxford.
8,144	108,560	66,315	36,551	32,641	20,237	Parry Sound.
35,464	570,616	242,442	158,805	152,775	109,998	Peel.
92,944	1,548,447	497,435	257,339	206,738	124,043	Perth.
28,513	441,952	232,925	132,323	109,586	67,943	Peterborough.
12,067	220,464	160,597	95,706	86,300	54,369	Prescott.
19,846	301,262	158,584	87,859	75,850	46,269	Prince Edward.
3,639	52,875	47,109	25,889	21,059	13,478	Rainy River and Kenora.
21,634	344,197	237,670	132,719	113,050	70,091	Renfrew.
14,181	223,351	128,283	71,184	76,578	48,244	Russell.
98,237	1,620,911	602,935	320,486	269,660	169,886	Simcoe.
22,577	363,264	175,631	99,971	75,982	47,109	Stormont.
3,785	62,301	44,483	25,388	26,892	16,942	Sudbury.
3,297	45,334	47,169	28,339	19,789	12,665	Thunder Bay.
1,903	31,323	31,858	17,843	14,490	9,274	Timiskaming.
36,448	621,438	246,891	137,432	102,749	63,704	Victoria.
55,198	858,329	240,136	121,859	99,137	58,491	Waterloo.
18,500	277,870	222,287	129,880	128,645	78,473	Welland.
96,772	1,558,029	404,832	228,023	194,977	132,584	Wellington.
33,410	546,922	203,165	126,603	111,021	77,715	Wentworth.
76,854	1,183,552	449,225	287,072	258,519	186,134	York.
						The Province:
2,105,621	33,671,966	14,377,844	7,933,157	6,774,884	4,226,038	1916.
2,110,936	31,628,772	14,273,091	7,670,326	6,764,069	4,161,695	1915.
1,984,105	30,275,538	14,175,214	7,551,428	6,575,434	4,062,797	1914.
2,078,462	28,378,551	13,511,383	6,956,952	6,325,007	3,848,973	1913.
2,088,874	26,656,149	13,024,983	6,121,323	5,501,913	3,208,860	1912.

## WOOL CLIP, POULTRY ON HAND AND LIVE STOCK SOLD.

TABLE XXI. Showing by County Municipalities the number of pounds of wool, the number of turkeys, geese, ducks and other fowls on hand June 30th, 1916; also the value of all live stock sold or killed in the year ending June 30, 1916, together with the totals for the Province for the past five years.

Counties and Districts.	Wool Clip.	Poultry on Hand.				Total value of Live Stock sold or killed.
		Turkeys.	Geese.	Ducks.	Other fowl.	
	lbs.	No.	No.	No.	No.	\$
Algoma .....	33,943	3,857	893	556	58,329	269,644
Brant .....	41,758	609	4,042	4,959	148,954	1,340,468
Bruce .....	139,121	27,515	16,959	26,833	435,354	4,477,029
Carleton .....	94,470	16,630	14,064	13,314	305,788	2,195,521
Dufferin .....	92,294	4,500	15,021	8,178	168,764	1,834,773
Dundas .....	19,506	16,750	5,878	7,582	213,660	979,268
Durham .....	94,635	9,170	10,858	12,688	253,122	1,965,805
Elgin .....	74,655	20,365	8,202	13,217	391,463	3,374,497
Essex .....	73,260	14,647	15,363	32,977	628,822	3,161,673
Frontenac .....	57,164	20,948	4,337	6,491	153,396	1,165,517
Glengarry .....	18,310	14,570	3,936	4,154	157,675	835,571
Grenville .....	30,776	9,870	5,015	5,807	154,705	814,033
Grey .....	207,203	19,717	21,293	25,024	472,593	4,577,513
Haldimand .....	62,202	7,903	7,193	11,021	226,135	1,605,732
Haliburton .....	18,759	1,901	365	878	25,720	161,180
Halton .....	42,447	3,868	6,055	7,458	142,856	1,246,430
Hastings .....	86,715	17,576	8,489	8,883	318,911	2,038,338
Huron .....	97,830	21,959	21,196	40,610	603,374	5,362,261
Kent .....	109,289	13,688	13,763	38,652	613,888	4,156,391
Lambton .....	114,359	33,103	15,629	26,610	519,462	4,204,314
Lanark .....	100,482	13,059	4,113	5,050	185,585	1,622,235
Leeds .....	44,417	10,930	3,121	6,834	182,456	1,227,590
Lennox & Addington .....	42,898	14,773	3,454	6,090	181,824	1,087,751
Lincoln .....	24,520	3,439	2,538	7,147	163,928	847,246
Manitoulin .....	75,512	2,997	1,206	1,589	38,036	397,923
Middlesex .....	110,282	39,926	15,902	36,497	683,568	5,451,064
Muskoka .....	34,309	1,627	324	1,207	64,605	348,877
Nipissing .....	23,066	1,252	778	1,030	42,132	266,471
Norfolk .....	51,524	10,437	6,159	13,747	299,312	1,620,636
Northumberland .....	65,828	16,974	7,050	7,151	311,453	1,901,929
Ontario .....	148,655	6,336	15,628	17,064	328,214	3,103,948
Oxford .....	40,707	5,703	7,898	15,447	375,722	3,162,844
Parry Sound .....	61,567	4,126	1,716	1,177	59,296	434,329
Peel .....	50,842	10,482	10,263	15,604	206,093	1,988,722
Perth .....	53,349	9,633	17,494	28,386	441,922	4,104,526
Peterborough .....	55,652	17,008	7,184	6,785	201,948	1,357,563
Prescott .....	18,876	12,572	5,085	3,432	139,508	707,314
Prince Edward .....	26,617	8,762	2,455	4,325	143,042	775,408
Rainy River & Kenora .....	7,145	1,940	702	1,364	43,103	194,223
Renfrew .....	144,509	7,905	7,547	5,565	216,653	1,696,944
Russell .....	11,856	4,561	4,814	5,558	113,350	741,571
Simcoe .....	219,614	24,129	23,738	22,690	532,378	4,570,695
Stormont .....	13,068	14,203	2,640	4,037	154,751	788,367
Sudbury .....	16,521	1,833	681	843	41,126	248,899
Thunder Bay .....	4,777	2,164	538	912	43,555	139,383
Timiskaming .....	4,214	434	248	472	30,704	124,185
Victoria .....	88,480	10,852	10,214	8,332	217,493	1,849,300
Waterloo .....	23,672	1,203	5,298	6,698	226,937	2,536,219
Welland .....	23,140	3,863	2,325	10,072	206,027	898,050
Wellington .....	150,680	5,070	18,927	15,358	365,477	4,475,681
Wentworth .....	38,255	1,750	4,971	8,634	187,810	1,454,707
York .....	96,521	8,840	14,484	21,716	404,185	3,268,523
The Province:						
1916 .....	3,380,251	557,929	408,046	586,705	12,825,164	99,159,081
1915 .....	3,333,768	674,494	416,414	545,813	12,636,370	93,062,233
1914 .....	3,370,225	744,096	425,300	586,654	12,419,164	93,017,235
1913 .....	3,647,245	699,861	589,173	497,734	11,924,615	89,651,116
1912 .....	3,669,419	660,843	562,674	415,251	11,586,215	84,982,339



## FARM PROPERTY, IMPLEMENTS AND LIVE STOCK.

TABLE XXII.—Showing by County Municipalities of Ontario the value of farm lands, buildings, implements and live stock for the year 1916, together with the totals for the Province for the past five years.

Counties and Districts.	Land.	Buildings.	Implements.	Live Stock on hand.	Total.
	\$	\$	\$	\$	\$
Algoma .....	3,626,800	1,213,434	450,170	1,035,410	6,325,814
Brant .....	11,183,700	5,862,969	1,447,317	3,529,576	22,023,562
Bruce .....	27,058,454	12,265,799	3,206,797	9,710,531	52,241,581
Carleton.....	22,569,614	8,445,302	2,634,203	7,218,985	40,868,104
Dufferin.....	11,380,659	5,529,699	1,389,215	4,527,876	22,827,449
Dundas .....	10,029,516	5,003,123	1,592,589	3,781,001	20,406,229
Durham .....	13,156,455	6,910,971	1,695,399	5,017,058	26,779,883
Elgin.....	21,206,936	10,210,188	2,855,667	7,497,106	41,769,897
Essex .....	32,398,580	11,508,865	3,516,119	7,280,070	54,703,634
Frontenac .....	11,266,751	4,755,384	1,424,274	3,884,030	21,330,439
Glengarry .....	10,575,479	4,949,789	1,417,466	3,551,120	20,493,854
Grenville.....	7,164,344	3,710,036	1,116,291	3,002,932	14,993,603
Grey .....	26,668,905	13,959,839	3,713,196	11,356,721	55,698,661
Haldimand .....	10,897,876	5,975,911	1,765,643	4,244,866	22,883,796
Haliburton .....	1,542,798	518,030	220,830	634,757	2,916,415
Halton .....	12,775,134	5,229,599	1,324,700	3,282,443	22,611,876
Hastings .....	18,544,461	8,171,865	2,480,540	6,613,299	35,810,165
Huron.....	29,602,727	15,369,226	3,733,280	12,057,551	60,762,784
Kent .....	36,799,454	13,542,975	3,963,087	9,295,224	63,600,740
Lambton.....	27,663,108	11,510,437	3,320,898	9,721,986	52,216,429
Lanark.....	12,132,492	4,809,684	1,508,584	4,849,438	23,300,198
Leeds .....	11,347,733	5,572,982	1,653,178	4,614,044	23,187,937
Lennox & Addington.....	10,300,372	4,969,842	1,495,353	3,620,664	20,386,231
Lincoln.....	19,232,771	7,059,317	1,660,951	2,704,468	30,657,507
Manitoulin .....	1,873,166	750,941	265,857	1,061,729	3,951,693
Middlesex .....	38,140,526	17,389,304	4,512,465	13,455,264	73,497,559
Muskoka .....	3,134,032	1,452,324	518,434	1,218,990	6,323,830
Nipissing .....	2,996,379	961,919	492,277	920,247	5,370,822
Norfolk.....	15,164,784	7,500,694	2,098,815	4,801,253	29,565,546
Northumberland .....	15,327,422	8,037,206	2,071,017	5,709,020	31,144,665
Ontario.....	20,434,772	9,754,722	2,367,425	7,947,435	40,504,354
Oxford .....	24,546,920	12,113,955	3,222,097	8,997,934	48,880,906
Parry Sound.....	3,128,091	1,399,402	549,197	1,500,708	6,577,398
Peel.....	15,340,794	7,411,902	1,600,611	4,890,095	29,243,402
Perth.....	23,747,328	12,762,888	3,165,764	9,862,429	49,538,409
Peterborough .....	12,753,262	5,519,058	1,391,134	4,185,661	23,849,115
Prescott.....	12,671,485	5,189,398	1,538,121	3,163,295	22,562,299
Prince Edward .....	8,115,002	4,487,567	1,389,361	2,714,229	16,706,159
Rainy River & Kenora....	2,998,940	728,866	329,316	744,384	4,801,506
Renfrew.....	15,835,628	5,997,834	2,068,832	5,646,731	29,549,025
Russell.....	10,360,072	3,921,937	1,300,074	2,743,419	18,325,502
Simcoe.....	31,956,842	15,347,436	4,210,408	11,681,285	63,195,971
Stormont.....	8,139,321	4,107,928	1,178,296	3,102,161	16,527,706
Sudbury.....	3,447,464	921,574	458,788	814,061	5,641,887
Thunder Bay.....	4,331,081	737,931	315,854	680,278	6,065,144
Timiskaming .....	2,865,706	559,201	316,961	472,303	4,214,171
Victoria .....	14,751,822	5,596,727	1,596,559	4,928,639	26,873,747
Waterloo.....	14,560,323	7,654,296	1,888,909	4,778,757	28,882,285
Welland.....	12,094,499	5,644,786	1,622,965	3,002,676	22,364,926
Wellington .....	23,127,425	12,571,713	2,964,091	9,292,204	47,955,433
Wentworth .....	18,447,052	7,736,349	1,961,821	4,133,451	32,278,673
York.....	35,262,059	14,000,726	3,039,099	8,389,745	60,691,629
The Province:					
1916.....	794,676,866	357,313,850	98,020,295	263,869,539	1,513,880,550
1915.....	794,393,564	352,628,031	95,049,350	254,982,332	1,497,053,277
1914.....	790,538,706	347,348,643	91,703,876	250,870,078	1,480,461,303
1913.....	782,993,853	345,303,335	89,702,273	237,591,885	1,455,591,346
1912.....	758,729,268	335,141,520	86,231,210	225,848,942	1,405,950,940

## FARM VALUES PER ACRE.

TABLE XXIII.—Showing by County Municipalities of Ontario average values per acre of farm property in 1916, together with the average for the Province for 1915 and preceding years at ten-year intervals, from 1882-1912.

Counties and Districts.	Farm values, average per acre occupied.					Values, buildings, implements, and live stock, per acre, cleared
	Land.	Buildings.	Implements.	Live Stock.	Total.	
	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.
Algoma .....	11 89	3 98	1 47	3 39	20 73	53 82
Brant .....	51 85	27 18	6 79	16 36	102 10	60 22
Bruce .....	29 21	13 24	3 46	10 48	56 39	42 91
Carleton .....	40 25	15 06	4 70	12 87	72 88	49 35
Dufferin .....	32 06	15 58	3 91	12 76	64 31	41 48
Dundas .....	42 30	21 10	6 72	15 94	86 06	57 97
Durham .....	35 41	18 61	4 56	13 50	72 08	44 03
Elgin .....	48 66	23 43	6 55	17 20	95 84	56 80
Essex .....	76 18	27 06	8 27	17 12	128 63	62 24
Frontenac .....	16 11	6 80	2 04	5 55	30 50	38 61
Glengarry .....	36 78	17 22	4 93	12 35	71 28	50 71
Grenville .....	26 28	13 61	4 10	11 01	55 00	41 85
Grey .....	25 13	13 15	3 50	10 70	52 48	41 85
Haldimand .....	38 71	21 23	6 27	15 08	81 29	49 51
Haliburton .....	2 60	87	37	1 07	4 91	29 96
Halton .....	56 85	23 27	5 89	14 61	100 62	57 05
Hastings .....	17 21	7 58	2 30	6 14	33 23	38 56
Huron .....	37 05	19 24	4 67	15 09	76 05	46 82
Kent .....	64 76	23 83	6 97	16 35	111 93	56 40
Lambton .....	41 95	17 46	5 04	14 75	79 20	48 48
Lanark .....	18 12	7 18	2 25	7 24	34 79	33 53
Leeds .....	24 03	11 80	3 50	9 77	49 10	43 58
Lennox & Addington ..	23 08	11 14	3 35	8 11	45 68	39 91
Lincoln .....	101 46	37 24	8 76	14 27	161 73	70 14
Manitoulin .....	6 48	2 60	92	3 68	13 68	43 28
Middlesex .....	50 44	22 99	5 97	17 79	97 19	53 34
Muskoka .....	5 58	2 59	92	2 17	11 26	46 35
Nipissing .....	9 10	2 92	1 50	2 80	16 32	41 62
Norfolk .....	38 21	18 90	5 29	12 10	74 50	51 09
Northumberland .....	35 07	18 39	4 74	13 06	71 26	45 29
Ontario .....	40 17	19 18	4 65	15 63	79 63	52 83
Oxford .....	52 19	25 76	6 85	19 13	103 93	60 82
Parry Sound .....	4 97	2 21	86	2 37	10 38	41 50
Peel .....	53 43	25 81	5 57	17 03	101 84	52 97
Perth .....	45 82	24 62	6 11	19 03	95 58	56 72
Peterborough .....	21 77	9 42	2 38	7 15	40 72	42 37
Prescott .....	43 13	17 66	5 24	10 77	76 80	47 67
Prince Edward .....	34 58	19 12	5 92	11 57	71 19	43 23
Rainy River & Kenora	8 11	1 97	89	2 01	12 98	43 56
Renfrew .....	14 82	5 61	1 94	5 29	27 66	37 53
Russell .....	41 27	15 63	5 18	10 93	73 01	51 98
Simcoe .....	32 81	15 76	4 32	11 99	64 88	46 01
Stormont .....	32 76	16 53	4 74	12 49	66 52	53 41
Sudbury .....	8 93	2 38	1 19	2 11	14 61	38 94
Thunder Bay .....	8 69	1 48	63	1 37	12 17	49 34
Timiskaming .....	9 58	1 87	1 06	1 58	14 09	44 64
Victoria .....	24 79	9 41	2 68	8 28	45 16	42 29
Waterloo .....	47 28	24 86	6 13	15 52	93 79	56 53
Welland .....	53 47	24 96	7 18	13 27	98 88	55 11
Wellington .....	36 83	20 02	4 72	14 80	76 37	49 40
Wentworth .....	68 80	28 85	7 31	15 42	120 38	65 10
York .....	66 33	26 34	5 72	15 78	114 17	58 08
The Province.						
1916 .....	31 67	14 24	3 91	10 52	60 34	48 93
1915 .....	31 76	14 10	3 80	10 19	59 85	48 06
1912 .....	30 47	13 46	3 46	9 07	56 46	44 80
1902 .....	25 49	10 00	2 62	5 93	44 04	32 43
1892 .....	27 19	8 64	2 25	5 19	43 27	30 38
1882 .....	32 23	6 76	1 89	4 10	44 98	24 52

## CHEESE FACTORIES.

TABLE XXIV.—Showing by Counties of Ontario the number of cheese factories in operation, the quantity and value of cheese and butter made, and the value of cream, casein and milk sold in 1916, together with comparative figures for the Province for 1909–1916.

Butter plants at Cheese factories.

Factories operated.	*Butter made.	Value.	Value of milk, cream and casein sold.
	Lbs.	\$	\$
4	13,880	3,614	
11	41,643	12,274	
15	55,648	16,102	47,460
2	11,752	4,351	
4	72,861	23,971	1,412
1	66,664	23,333	
2	35,218	11,852	
10	75,506	24,831	
34	136,392	38,590	
3	11,794	3,332	
2	71,281	22,356	
12	312,734	106,619	65,859
6	339,890	110,109	59
10	64,143	20,165	
1	1,759	704	
10	65,032	18,368	977
1	2,968	831	
4	17,179	5,404	
2	4,173	1,263	7,655
1	16,867	5,493	
35	1,417,384	453,562	123,422
55	1,522,316	439,710	40,958
59	1,500,215	402,580	74,531
54	1,562,294	426,216	172,657
44	1,765,950	505,532	132,731
57	1,963,768	491,448	164,412

1916.

NOTE.—The statistics in this and following table have been compiled by this Bureau from returns made by the staff of instructors under the direction of the Dairy Branch of the Ontario Department of Agriculture.



## FARM VALUES PER ACRE.

TABLE XXIII.—Showing by County Municipalities of Ontario average values per acre of farm property in 1916, together with the average for the Province for 1915 and preceding years at ten-year intervals, from 1882-1912.

Counties and Districts.	Farm values average per acre occupied.						Values, buildings,
	Land						
Algoma .....	\$	c					
Brant .....	11	8					
Bruce .....	51	8					
Carleton .....	29	2					
Dufferin .....	40	2					
Dundas .....	32	0					
Durham .....	42	2					
Elgin .....	35	4					
Essex .....	48	6					
Frontenac .....	76	1					
Glengarry .....	16	1					
Grenville .....	36	7					
Grey .....	26	2					
Haldimand .....	25						
Haliburton .....	38						
Halton .....	2	0					
Hastings .....	56	8					
Huron .....	17						
Kent .....	37	0					
Lambton .....	64						
Lanark .....	41						
Leeds .....	18						
Lennox & Addington ..	24						
Lincoln .....	23						
Manitoulin .....	101						
Middlesex .....	6						
Muskoka .....	50						
Nipissing .....	5						
Norfolk .....	9						
Northumberland .....	38						
Ontario .....	35						
Oxford .....	40						
Parry Sound .....	52						
Peel .....	4						
Perth .....	53						
Peterborough .....	45						
Prescott .....	21						
Prince Edward .....	43						
Rainy River & Kenora ..	34						
Renfrew .....	8						
Russell .....	14						
Simcoe .....	41						
Stormont .....	32						
Sudbury .....	32						
Thunder Bay .....	8						
Timiskaming .....	8						
Victoria .....	9						
Waterloo .....	24						
Welland .....	47						
Wellington .....	53	47	24	90	4	10	
Wentworth .....	36	83	20	02	4	72	
York .....	68	80	28	85	7	51	
The Province.	66	33	26	34	5	72	
1916 .....	15	21	12	80	36	37	49 40
1915 .....	120	38	65	10			
1912 .....	114	17	58	08			
1902 .....	31	67	14	24	3	91	48 93
1892 .....	31	76	14	10	3	80	48 06
1882 .....	30	47	13	46	3	46	44 80
	25	49	10	00	2	62	32 43
	27	19	8	64	2	25	30 38
	32	23	6	76	1	89	24 52

## ERRATA

ON PAGE 45 OF REPORT OF ONTARIO BUREAU  
OF INDUSTRIES, PART I., 1916.

Dundas Co. : Cheese made should read 7,882,989 pounds.

Lennox and Addington : Value of cheese should read  
\$1,157,274.

Prince Edward : Cheese made should read 4,502,464 pounds,  
and value of cheese should read \$844,776.

The Province, 1916 : Cheese made should read 127,862,566  
pounds, and value of cheese should read \$23,505,146.

## CHEESE FACTORIES.

TABLE XXIV.—Showing by Counties of Ontario the number of cheese factories in operation, the quantity and value of cheese and butter made, and the value of cream, casein and milk sold in 1916, together with comparative figures for the Province for 1909–1916.

Counties and Districts.	Cheese factories.				Butter plants at Cheese factories.			
	No. of factories.	Milk used for cheese.	Cheese made.	Value.	Number operated.	*Butter made.	Value.	Value of milk, cream and casein sold.
		Lbs.	Lbs.	\$		Lbs.	\$	\$
Brant .....	6	7,235,991	613,557	107,196	...	...	...	...
Bruce .....	5	5,859,876	529,731	93,830	...	...	...	...
Carleton .....	51	59,622,895	5,460,824	1,003,335	4	13,880	3,614	...
Dufferin .....	2	1,555,234	144,110	25,847	...	...	...	...
Dundas .....	60	86,761,686	8,828,154	1,430,889	11	41,643	12,274	...
Durham .....	2	1,636,654	152,792	28,312	...	...	...	...
Elgin .....	16	42,389,243	3,711,520	673,166	...	...	...	47,460
Frontenac .....	66	78,771,416	7,156,179	1,323,609	15	55,648	16,102	...
Glengarry .....	73	73,639,248	6,967,019	1,314,459	2	11,752	4,351	...
Grenville .....	45	56,624,331	5,135,545	945,888	4	72,861	23,971	1,412
Haldimand .....	3	4,976,594	445,944	81,025	1	66,664	23,333	...
Hastings .....	76	109,065,652	9,825,854	1,807,493	...	...	...	...
Huron .....	5	7,349,437	649,205	114,368	...	...	...	...
Lambton .....	5	6,329,212	581,209	106,817	2	35,218	11,852	...
Lanark .....	43	52,283,123	4,777,467	919,745	10	75,506	24,831	...
Leeds .....	97	142,482,475	12,805,443	2,378,195	34	136,392	38,590	...
Lennox and Add.	30	67,392,122	6,274,546	1,259,588	3	11,794	3,332	...
Lincoln .....	1	1,434,798	133,959	24,161	...	...	...	...
Middlesex .....	25	61,220,786	5,427,711	992,755	2	71,281	22,356	...
Norfolk .....	8	13,352,366	1,155,022	210,063	...	...	...	...
Northumberland.	37	51,817,151	4,611,552	830,898	...	...	...	...
Oxford .....	35	117,736,201	10,316,797	1,888,047	12	312,734	106,619	65,859
Perth .....	23	53,556,966	4,783,371	866,318	6	339,890	110,109	59
Peterborough ...	34	35,130,172	3,137,323	577,270	10	64,143	20,165	...
Prescott .....	67	55,258,741	5,180,115	958,858	1	1,759	704	...
Prince Edward..	22	50,283,245	4,393,676	890,659	10	65,032	18,368	977
Renfrew .....	17	15,846,223	1,496,222	278,242	1	2,968	831	...
Russell .....	62	53,580,596	5,051,002	908,666	4	17,179	5,404	...
Stormont .....	50	80,749,117	7,388,839	1,326,339	2	4,173	1,263	7,655
Victoria .....	8	8,454,841	756,322	140,681	...	...	...	...
Waterloo .....	2	3,911,748	369,998	68,450	...	...	...	...
Wellington .....	3	4,070,050	356,613	63,405	1	16,867	5,493	...
Wentworth .....	1	874,026	81,322	14,769	...	...	...	...
The Province:								
1916 .....	980	1,411,252,216	128,698,943	23,653,343	135	1,417,384	453,562	123,422
1915 .....	995	1,367,247,741	124,991,026	18,864,386	155	1,522,316	439,710	40,958
1914 .....	968	1,115,811,492	101,712,336	13,602,745	159	1,500,215	402,580	74,531
1913 .....	1,002	1,209,890,007	110,795,926	13,890,656	154	1,562,294	426,216	172,657
1912 .....	1,055	1,405,921,858	129,653,063	16,574,573	144	1,765,950	505,532	132,731
1911 .....	1,077	1,369,856,680	127,123,016	15,491,406	157	1,963,768	491,448	164,412
1910 .....	1,102	1,451,244,620	135,521,390	14,491,410	...	...	...	...
1909 .....	1,177	...	125,611,359	14,193,918	...	...	...	...

\*Including 367,071 lbs. whey butter, valued at \$112,993 in 1916.

NOTE.—The statistics in this and following table have been compiled by this Bureau from returns made by the staff of instructors under the direction of the Dairy Branch of the Ontario Department of Agriculture.

## CREAMERIES.

TABLE XXV. Showing by counties of Ontario the number of Creameries in operation, the quantity and value of butter made, the value of cream, casein and milk sold in 1916, together with comparative figures for the Province for 1909-1916.

Counties and Districts.	Creameries.			
	No. of Creameries.	Lbs. of Butter.	Value of Butter.	Value of milk, cream and casein sold.
			\$	\$
Brant.....	5	918,650	311,095	.....
Bruce.....	9	1,803,564	583,107	.....
Carleton.....	4	818,334	253,341	.....
Dufferin.....	2	378,000	124,740	.....
Durham.....	2	95,624	25,929	.....
Elgin.....	7	501,560	165,560	12,826
Essex.....	4	188,000	59,650	6,930
Grey.....	7	886,467	284,831	.....
Haldimand.....	8	1,508,141	493,702	.....
Halton.....	1	230,000	73,600	.....
Hastings.....	2	789,551	116,548	500
Huron.....	10	1,938,745	633,933	.....
Kent.....	7	411,000	141,560	.....
Lambton.....	8	1,392,848	460,054	.....
Lanark.....	1	23,625	7,088	.....
Lincoln.....	4	433,364	134,423	14,475
Middlesex.....	8	2,125,350	705,526	.....
Norfolk.....	6	790,292	261,268	49,392
Northumberland.....	1	192,443	54,458	.....
Ontario.....	6	540,610	158,970	.....
Oxford.....	4	304,437	106,934	210,969
Perth.....	8	1,172,993	385,850	45,772
Peterborough.....	3	185,862	54,547	23,039
Renfrew.....	2	265,961	76,613	.....
Simcoe.....	3	225,900	74,547	.....
Stormont.....	1	46,999	13,984	.....
Victoria.....	6	547,784	153,480	.....
Waterloo.....	5	916,994	296,629	6,256
Welland.....	3	268,031	85,770	.....
Wellington.....	5	1,913,146	631,123	.....
Wentworth.....	4	138,061	46,641	.....
York.....	9	3,701,137	1,205,963	211,140
The Province.				
1916.....	155	25,653,473	8,181,464	581,299
1915.....	151	24,566,430	6,928,923	277,847
1914.....	167	23,104,537	6,115,425	122,674
1913.....	155	20,629,555	5,318,435	290,637
1912.....	136	15,835,801	4,451,339	167,277
1911.....	120	13,738,203	3,268,303	.....
1910.....	121	12,893,650	3,016,135	.....
1909.....	97	9,015,206	2,175,955	.....



## PART II.—CHATTEL MORTGAGES.

Table showing by County Municipalities of Ontario the total number and amount of Chattel Mortgages on record and undischarged on December 31st, 1916, against (1) all occupations; (2) farmers; together with totals for the Province for the past five years.

Counties and Districts.	Chattel mortgages against all occupations.				Chattel mortgages against farmers.			
	To secure existing debt.		For future indorsation.		To secure existing debt.		For future indorsation	
	No.	Amount.	No.	Amount.	No.	Amount.	No.	Amount
		\$		\$		\$		\$
Algoma .....	202	991,160	.....	.....	112	32,267	.....	.....
Brant .....	137	409,699	.....	.....	49	42,938	.....	.....
Bruce .....	228	114,070	8	3,463	142	50,392	8	3,463
Carleton .....	264	366,973	5	5,344	43	22,960	1	170
Dufferin .....	67	56,056	.....	.....	34	22,231	.....	.....
Elgin .....	295	242,134	.....	.....	135	57,558	.....	.....
Essex .....	317	165,726	.....	.....	194	62,409	.....	.....
Frontenac .....	251	160,652	.....	.....	173	64,670	.....	.....
Grey .....	381	217,841	1	800	223	113,321	1	800
Haldimand .....	82	62,130	.....	.....	42	20,597	.....	.....
Haliburton .....	57	239,816	.....	.....	44	6,785	.....	.....
Halton .....	63	310,181	.....	.....	24	21,300	.....	.....
Hastings .....	405	158,624	.....	.....	226	85,952	.....	.....
Huron .....	165	186,622	.....	.....	90	105,834	.....	.....
Kenora .....	52	146,137	.....	.....	17	8,166	.....	.....
Kent .....	415	547,531	.....	.....	304	139,471	.....	.....
Lambton .....	284	152,163	.....	.....	126	61,665	.....	.....
Lanark .....	119	134,411	.....	.....	56	33,218	.....	.....
Leeds and Grenville .....	269	188,711	.....	.....	171	107,526	.....	.....
Lennox and Addington .....	141	68,985	1	600	81	39,897	1	600
Lincoln .....	135	128,697	2	3,800	29	15,747	.....	.....
Manitoulin .....	118	35,398	.....	.....	102	22,045	.....	.....
Middlesex .....	232	233,454	.....	.....	93	109,343	.....	.....
Muskoka .....	157	73,369	1	16,168	55	18,735	.....	.....
Nipissing .....	248	246,099	2	1,018	101	27,829	.....	.....
Norfolk .....	187	92,423	.....	.....	137	43,891	.....	.....
Northumberland & Dur .....	310	200,703	.....	.....	182	108,050	.....	.....
Ontario .....	182	118,060	1	40,000	108	57,589	.....	.....
Oxford .....	191	184,878	.....	.....	97	94,407	.....	.....
Parry Sound .....	159	266,363	2	9,200	40	9,212	.....	.....
Peel .....	46	35,248	.....	.....	28	14,635	.....	.....
Perth .....	110	135,807	.....	.....	38	22,984	.....	.....
Peterborough .....	146	147,117	2	1,150	81	34,781	1	900
Prescott and Russell .....	185	182,480	.....	.....	110	65,231	.....	.....
Prince Edward .....	98	74,074	.....	.....	67	51,695	.....	.....
Rainy River .....	120	50,706	1	16,000	73	14,712	.....	.....
Renfrew .....	205	96,574	.....	.....	135	57,761	.....	.....
Simcoe .....	415	319,356	.....	.....	280	117,999	.....	.....
Stormont, Dun. & Glen .....	221	184,915	7	3,935	137	105,538	3	535
Sudbury .....	321	†6,198,850	2	1,500	169	62,934	.....	.....
Thunder Bay .....	161	*646,859	.....	.....	58	19,353	.....	.....
Timiskaming .....	478	322,368	6	(a) 570,482	284	80,154	1	325
Victoria .....	74	50,482	.....	.....	50	19,263	.....	.....
Waterloo .....	158	219,626	.....	.....	35	32,961	.....	.....
Welland .....	181	179,943	6	(b) 209,766	44	19,642	.....	.....
Wellington .....	144	171,114	.....	.....	62	93,951	.....	.....
Wentworth .....	414	538,841	2	(c) 200,500	63	36,824	1	500
York .....	1,497	2,212,654	1	1,500	99	55,923	1	1,500
The Province								
1916 .....	11,087	18,266,080	50	1,085,226	5,043	2,512,346	18	8,793
1915 .....	12,010	12,432,780	49	699,942	5,178	2,579,303	14	4,056
1914 .....	10,881	28,164,771	60	6,365,509	4,791	2,444,406	16	17,627
1913 .....	10,190	32,442,616	49	8,485,788	4,831	2,279,301	16	4,012
1912 .....	10,654	39,406,857	55	542,235	5,016	2,310,071	6	3,489

\* Including 1 Dock Company for \$250,000; (a) Including 4 Miners for \$569,157; (b) Including 2 Hotel Companies for \$200,000; (c) Including 1 Cotton Company for \$200,000; † Including 1 Nickel Corporation for \$6,000,000.









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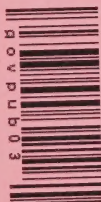
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